FOR OFFICIAL USE.

MONTHLY RETURN

OF THE

BIRTHS, DEATHS, AND MARRIAGES

IN SIXTEEN OF THE PRINCIPAL TOWNS OF

SCOTLAND.

JANUARY 1924.

Published by Authority of the Registrar-General.

REPORT.

During the month of January 1924 there were registered in the Sixteen Principal Towns of Scotland, those burghs which at the date of the 1921 Census had populations of over 30,000, the births of 4856 living children, of whom 2530 were males and 2326 were females. Compared with the number registered in the previous month that of male children is 118 more and that of female children is 117 more. Compared with the number registered in January of last year that of male children is 165 fewer and that of female children 254 fewer. Compared with the mean of the numbers of the three preceding months, male children number 126 more and female children 41 more. The total number of children registered during the month numbered 235 more than in the previous month, but 419 less than in January of last year.

The monthly birth-rate of these towns taken collectively was 23·9 per thousand. This rate is 1·2 more than that of the previous month, and 0·6 more than the mean of those of the three preceding months, but is 2·0 less than that of January of last year. In the individual towns the monthly birth-rate varied from 26·5 in Hamilton, 26·4 in Coatbridge, and 25·4 in Aberdeen and in Greenock, to 18·2 in Kirkcaldy, 20·3 in Perth, and 20·9 in Kilmarnock. In Glasgow this rate was 24·7, in Clydebank 24·5, in Dundee 24·4, in Motherwell and Wishaw 24·2, in Dunfermline 23·8, in Ayr 23·7, in Falkirk 23·4, in Paisley 22·7, and in Edinburgh 21·5.

Of the 4856 children registered during the month 4530 or 93·3 per cent. were legitimate, while 326 or 6·7 per cent. were illegitimate. The legitimate children of the month number 217 more than those registered in the previous month, and 136 more than the mean of the numbers of the three preceding months, but 403 less than in January of last year. The illegitimate children of the month number 18 more than in the previous month, and 31 more than the mean of the numbers of the three preceding months, but 16 fewer than in January of last year. The illegitimate rate of the month is the same as that of the previous month, but is 0·4 more than the mean of those of the three preceding months, and 0·2 more than that of January of last year. In the individual towns the illegitimate rate of the month varied from 9·6 in Ayr, 9·1 in Greenock, 8·8 in Perth, and 8·7 in Aberdeen, to 0·0 in Dunfermline, 2·1 in Clydebank, and 2·9 in Coatbridge. In Dundee this rate was 8·3, in Edinburgh 7·3, in Glasgow 6·6, in Kirkcaldy 6·5, in Paisley 6·0, in Falkirk 5·9, in Hamilton 5·4, in Motherwell and Wishaw 4·9, and in Kilmarnock 4·6.

Marriages registered in these towns numbered 1927, which number is 75 less than that of the previous month, and 424 less than that of January of last year, but is 321 more than the mean of those of the three preceding months. The monthly marriage-rate was 9·5 per thousand. It is 0·3 less than that of the

previous month, and 2·1 less than that of January of last year, but is 1·6 more than the mean of those of the three preceding months. In the individual towns the monthly marriage-rate varied from 12·7 in Falkirk, 12·3 in Kirkcaldy, 10·7 in Glasgow, and 9·6 in Coatbridge, to 5·1 in Clydebank, 6·0 in Motherwell and Wishaw, 6·3 in Dunfermline, and 6·7 in Paisley. In Edinburgh this rate was 9·4, in Perth 9·3, in Ayr 9·1, in Dundee 8·6, in Aberdeen 8·1, in Hamilton 7·8, in Kilmarnock 7·7, and in Greenock 7·4.

Deaths registered in these towns numbered 3675, 1843 being of males and 1832 of females. These deaths include those of 305 persons with usual residence outwith the town of registration, but exclude those of 146 persons who, though dying elsewhere in Scotland, had usual residence in one or other of these towns, and the difference, 159, falls to be deducted to get the corrected number for the month, which is found to be 3516, including 1755 males and 1761 females.

The monthly death-rate, based on the corrected number of deaths, is 17·3 per thousand. This rate is 1·2 more than that of the previous month, 3·6 more than the mean of those of the three preceding months, and 1·3 more than in January of last year. In the individual towns this death-rate varied from 19·8 in Glasgow, 18·9 in Dundee, 17·5 in Falkirk, and 17·0 in Paisley, to 10·3 in Perth, 10·9 in Dunfermline, 12·1 in Clydebank, and 13·3 in Hamilton. In Greenock this rate was 16·9, in Edinburgh 15·3, in Ayr 15·3, in Kirkcaldy, 15·0, in Motherwell and Wishaw 14·8, in Aberdeen 14·0, in Kilmarnock 13·8, and in Coatbridge 13·5.

Deaths of children of less than one year old numbered 625. This number is 140 more than that of the previous month, 237 more than the mean of the numbers of the three preceding months, and 54 more than that of January of last year. These deaths equal an infantile mortality rate of 136 per thousand of the average number of births registered monthly in these towns during the preceding twelve months. This rate is 38 more than that of the previous month, 57 more than the mean of those of the three preceding months, and 24 more than that of January of last year. In the individual towns this death-rate varied from 286 in Ayr (where whooping-cough is epidemic), 173 in Glasgow, and 163 in Greenock, to 18 in Perth, 60 in Dunfermline, 73 in Edinburgh, and 78 in Falkirk. In Paisley it was 146, in Motherwell and Wishaw 132, in Dundee 113, in Clydebank 107, in Hamilton 103, in Kirkcaldy 100, in Aberdeen 97, in Kilmarnock 91, and in Coatbridge 89.

Deaths from the principal epidemic diseases numbered 393, and equalled a death-rate of 1·9 per thousand. These deaths collectively number 54 more than in the previous month, 148 more than the mean of the numbers of the three preceding months, and 151 more than in January of last year. This death-rate is 0·2 more than that of the previous month, 0·7 more than the mean of those of the three preceding months, and 0·7 more than that of January of last year. These 393 deaths include 2 from enteric fever, 217 from measles, 17 from scarlet fever, 91 from whooping-cough, 31 from diphtheria, and 35 from the diarrhœas of childhood. Compared with the number in the previous month, deaths from scarlet fever are 4 fewer, from the diarrhœas of childhood 2 fewer, and from diphtheria 1 fewer, but those from enteric fever are of the same number, while those from measles are 27 more, and from whooping-cough 34 more.

Deaths from influenza numbered 37. In December this number was 32, in November it was 18, and in October it was 9.

Deaths from respiratory diseases, other than phthisis, and exclusive of those associated with influenza, numbered 792, and include 425 from pneumonia and 325 from bronchitis. Collectively the number of these deaths is 115 more than that of the previous month, 327 more than the mean of those of the three preceding months, and 117 more than that of January of last year.

Deaths from all forms of tuberculosis numbered 281, of which 201 were attributed to tuberculosis of the respiratory system. The former number is 13 more than that of the previous month, and 32 more than the mean of those of the three preceding months, but 24 less than that of January of last year; the latter number being the same as that of the previous month, but 21 more than the mean of those of the three preceding months, while it is 21 less than in January of last year.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

JANUARY 1924.

Mean barometric pressure, 29·783 in.; less than the average of 1881–1915 by 0·085 in.

Mean temperature, 39°·2; greater by 1°·3.

Mean daily range of temperature, 8°·4; less by 0°·6.

Rain, depth in inches, 3·75; greater by 0·55 in.

Wind, direction of: a 7 days' excess of winds from between south-east and south-west.

Hence the month was characterised by a slightly low mean pressure; a rather high mean temperature, with a slightly low mean daily range; a slightly high mean rainfall; and a large excess of winds from a southerly quarter.

A notable feature of the month was a deep depression which moved south-eastwards over the Atlantic on 8th to 9th, with strong south-easterly winds and much snow in Scotland and England for several days. From about 22nd to 26th there was a well-marked gradient for southerly to south-westerly winds, but thereafter high pressure spread up from the south.

The first two or three days were mild, and a very wintry spell from about 8th to 12th was followed by a speedy recovery of temperature. On 17th and 18th conditions were again wintry; but from about 22nd onwards decidedly mild weather was in evidence, with highest readings for the month very widely on 29th (57° at Gordon Castle). Lowest readings occurred as a rule on 10th (6° at Wolfelee and 11° at West Linton). The mean temperature was in all districts slightly to appreciably above the normal.

There was only moderate precipitation during the first week or so; snow between 8th and 11th was followed by heavy rain on 12th (1·04 in. at Paisley); and further snow on 17th and 18th was again followed by rain. From 18th onwards there was rain on every day towards the north-west, with heavy falls on 25th and 26th; whilst in eastern districts fair to fine weather from 23rd onwards was interrupted only by moderate falls on 26th. Relatively to the normal aggregates showed a moderate general excess to the south of the Forth and Clyde; but elsewhere, as a rule, a fairly well-defined shortage. Wigtownshire was a region of relatively excessive rainfall, and the Spey valley one of decided deficiency. Thus Ardwell House (5·50 in. or 186 per cent. of the normal) had almost as much rain on 12th as Grantown-on-Spey had during the whole month (1·14 in. or 47 per cent.).

Around 12th and again from about 22nd to 26th, the weather was very stormy. Snow fell in many districts on night of 9th-10th, to a depth of 3 in. at *e.g.* Falkirk, and after a brief interval there were further considerable falls on 10th and 11th (6 in. at Colmonell). The heavy rains which followed and melting snow caused severe flooding of the Nith and other rivers. On night of 17th-18th there were again some heavy snow falls (4 in. at Glasgow) followed by a thaw.

Thunderstorms occurred sporadically towards the north-west on 11th, 12th, 24th and 25th.

There was much cloudy weather, and the month's moderate amount of sunshine was largely accounted for by a few sunny days.

An aurora was observed in the north on 3rd, and a brilliant display very widely on night of 29th-30th.

Note.—The mean values refer to those of the Principal Towns named in meteorological table on p. 8.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES in the Principal Towns, JANUARY 1924.

TOWNS.	POPULATION.		BIRTHS.					MARRIAGES.	DEATHS.					
									REGISTERED.			TRANSFERS.		Total Corrected.
	Census 1921.	Estimated to middle of 1924.	Males.	Females.	Total.	Legitimate.	Illegitimate.		Males.	Females.	Total.	Out.	In.	
GLASGOW,	1,034,174	1,051,000	1115	1081	2196	2052	144	953	931	903	1834	128	60	1766
EDINBURGH,	420,264	427,500	410	370	780	723	57	342	296	300	596	57	15	554
DUNDEE,	168,315	169,600	200	150	350	321	29	124	141	141	282	15	4	271
ABERDEEN,	158,963	159,900	174	170	344	314	30	109	88	114	202	27	15	190
PAISLEY,	84,837	86,700	96	71	167	157	10	49	68	68	136	11	0	125
GREENOCK,	81,123	81,700	90	86	176	160	16	51	59	56	115	2	4	117
MOTHERWELL AND WISHAW,	68,869	70,300	69	75	144	137	7	36	34	43	77	1	12	88
CLYDEBANK,	46,506	46,700	45	52	97	95	2	20	20	17	37	0	11	48
COATBRIDGE,	43,909	45,500	51	51	102	99	3	37	20	30	50	2	4	52
DUNFERMLINE,	39,899	41,200	53	30	83	83	0	22	25	24	49	13	2	38
KIRKCALDY,	39,591	40,200	34	28	62	58	4	42	32	20	52	5	4	51
HAMILTON,	39,420	41,000	52	40	92	87	5	27	24	21	45	4	5	46
KILMARNOCK,	35,911	36,800	36	29	65	62	3	24	26	21	47	7	3	43
AYR,	35,763	36,300	32	41	73	66	7	28	35	23	58	13	2	47
FALKIRK,	33,308	34,400	39	29	68	64	4	37	26	29	55	7	3	51
PERTH,	33,208	33,200	34	23	57	52	5	26	18	22	40	13	2	29
TOTAL (SIXTEEN TOWNS)	2,364,060	2,402,000	2530	2326	4856	4530	326	1927	1843	1832	3675	305	146	3516

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES in the Principal Towns, JANUARY 1924.

TOWNS.	Birth-Rate per 1000 of Population.	Illegitimate Birth-Rate per 100 Births.	Marriage-Rate per 1000 of Population.	DEATH-RATES PER 1000 of POPULATION FROM						DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		Principal Epidemic Diseases.	All Tuberculosis.	Tuberc. of Respiratory System.	All Respiratory Diseases.	Number.	* Rate per 1000 Births.
				Uncorrected.	Corrected.						
GLASGOW,	24·7	6·6	10·7	20·6	19·8	5·2	1·5	1·1	5·4	367	173
EDINBURGH,	21·5	7·3	9·4	16·5	15·3	0·4	1·2	0·9	2·8	52	73
DUNDEE,	24·4	8·3	8·6	19·6	18·9	0·6	1·4	1·0	3·3	38	113
ABERDEEN,	25·4	8·7	8·1	14·9	14·0	0·1	1·3	1·0	2·2	30	97
PAISLEY,	22·7	6·0	6·7	18·5	17·0	4·4	1·4	0·8	2·6	23	146
GREENOCK,	25·4	9·1	7·4	16·6	16·9	0·7	2·5	1·9	3·5	28	163
MOTHERWELL AND WISHAW,	24·2	4·9	6·0	12·9	14·8	2·5	1·2	0·7	1·8	18	132
CLYDEBANK,	24·5	2·1	5·1	9·3	12·1	0·0	1·0	0·5	3·8	9	107
COATBRIDGE,	26·4	2·9	9·6	13·0	13·5	2·6	0·5	0·5	2·6	8	89
DUNFERMLINE,	23·8	0·0	6·3	14·0	10·9	0·0	0·9	0·9	2·9	4	60
KIRKCALDY,	18·2	6·5	12·3	15·3	15·0	0·3	0·3	0·3	2·4	7	100
HAMILTON,	26·5	5·4	7·8	13·0	13·3	0·9	2·3	1·4	4·0	9	103
KILMARNOCK,	20·9	4·6	7·7	15·1	13·8	0·3	1·9	1·3	1·3	6	91
AYR,	23·7	9·6	9·1	18·8	15·3	4·9	1·0	1·0	1·3	20	286
FALKIRK,	25·4	5·9	12·7	18·9	17·5	0·7	0·7	0·7	4·5	5	78
PERTH,	20·3	8·8	9·3	14·2	10·3	0·0	0·4	0·4	0·7	1	18
TOTAL (SIXTEEN TOWNS)	23·9	6·7	9·5	18·1	17·3	1·9	1·4	1·0	3·9	625	136

* Based on the average number of births registered monthly during the past 12 months.

TABLE III.—BIRTH-RATE, DEATH-RATE, ETC. FOR JANUARY 1924, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

Month.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM							*Infantile Mortality Rate.	Mean Temperature. (Seven Towns only.)
					Enteric Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Diarrhœa (Under 2 Years).		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
JAN. 1924,	**23·9**	**6·7**	**9·5**	**17·3**	**2**	**0**	**217**	**17**	**91**	**31**	**35**	**136**	**39°·2**
JAN. 1923,	25·9	6·5	11·6	16·0	2	0	84	25	67	33	31	112	42°·6
JAN. 1922,	28·7	7·0	11·3	33·7	3	0	296	21	123	39	48	206	37°·0
JAN. 1921,	26·1	7·0	15·9	16·9	1	7	18	18	60	34	66	113	41°·8
JAN. 1920,	34·1	6·9	16·6	16·9	4	0	65	8	20	39	37	128	38°·7
JAN. 1919,	20·3	10·7	11·4	18·4	1	0	10	9	110	44	29	152	37°·2
JAN. 1918,	20·1	8·2	10·9	16·9	2	0	105	6	79	32	44	124	36°·3
JAN. 1917,	23·1	7·1	10·9	19·0	2	0	79	6	51	41	58	129	36°·1
JAN. 1916,	23·9	6·7	12·6	14·8	6	0	93	51	17	58	41	98	43·8
JAN. 1915,	26·2	6·8	11·7	21·9	12	0	32	53	261	53	49	151	37°·6
JAN. 1914,	27·0	7·5	12·3	20·6	4	0	183	45	29	65	47	151	38·7

Figures in Columns 5–13 have been corrected for non-resident deaths.
* Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS—January 1924

CAUSES OF DEATH.	Total.	Males.	Females.	Age. -1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85 & over.
Enteric Fever	2	1	1	–	–	1	–	1	–	–	–	–	–	–	–
Typhus Fever	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Small-pox	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Measles	217	112	105	50	162	5	–	–	–	–	–	–	–	–	–
Scarlet Fever	17	6	11	–	11	4	2	–	–	–	–	–	–	–	–
Whooping-cough	91	44	47	44	46	1	–	–	–	–	–	–	–	–	–
Diphtheria	31	14	17	5	19	6	–	–	1	–	–	–	–	–	–
Influenza	37	17	20	2	3	1	–	3	4	2	3	7	8	3	1
Encephalitis Lethargica	3	1	2	–	–	–	–	1	1	–	–	1	–	–	–
Cerebro-spinal Meningitis	2	1	1	–	1	–	1	–	–	–	–	–	–	–	–
Other Epidemic Diseases	13	8	5	3	2	–	–	2	–	1	3	2	–	–	–
Tuberculosis of Respiratory System	201	99	102	1	3	6	5	44	50	39	33	10	9	1	–
Tuberculous Meningitis	32	18	14	7	18	5	–	1	1	–	–	–	–	–	–
Tuberculosis of Intestines and Peritoneum	26	11	15	3	6	3	2	6	1	4	1	–	–	–	–
Other Tuberculous Disease	22	10	12	2	1	3	1	9	2	2	1	1	–	–	–
Malignant Tumours	277	120	157	–	1	1	–	1	6	16	48	87	81	31	5
Rheumatic Fever	10	4	6	–	1	2	3	3	1	–	–	–	–	–	–
Meningitis (not Cer.-spin. or Tuberc.)	26	18	8	10	8	–	1	2	1	1	1	1	1	–	–
Apoplexy	248	105	143	1	–	–	–	1	–	6	24	55	85	67	9
Heart Disease	345	161	184	–	1	–	6	12	11	23	45	77	100	61	9
Diseases of Arteries	46	20	26	–	–	–	–	1	–	1	1	9	8	22	4
Bronchitis	325	170	155	38	17	1	2	–	5	7	24	67	95	60	9
Pneumonia (all forms)	425	229	196	134	101	5	2	12	15	14	32	38	32	32	8
Other Diseases of Respiratory System	42	22	20	7	3	2	–	–	–	3	4	3	10	10	–
Diarrhœa and Enteritis (under 2 years)	35	19	16	26	9	–	–	–	–	–	–	–	–	–	–
Appendicitis	26	11	15	–	1	2	5	6	3	2	3	3	–	1	–
All Diseases of Liver (not Malignant)	13	4	9	1	–	–	–	–	1	–	1	4	4	1	1
Nephritis, Acute and Chronic	92	47	45	1	2	–	–	4	5	8	15	29	20	5	3
Puerperal Sepsis	13	–	13	–	–	–	–	3	6	4	–	–	–	–	–
Other Dis. & Accidents of Preg. & Part.	17	–	17	–	–	–	–	2	8	7	–	–	–	–	–
Diseases of Early Infancy and Malform.	221	124	97	220	1	–	–	–	–	–	–	–	–	–	–
Suicide	17	14	3	–	–	–	1	2	1	3	7	1	1	–	1
Other Violent Deaths	89	59	30	6	12	6	1	7	3	3	12	13	9	10	7
Other Defined Diseases	486	249	237	53	17	7	5	15	14	35	43	57	88	112	40
Causes Ill-defined or Unknown	69	37	32	11	2	1	1	–	–	6	11	16	9	11	1
	3516	1755	1761	625	448	62	38	138	140	187	312	481	560	427	98

DEATHS IN EACH TOWN (corrected for Transfers)—January 1924.

CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
Enteric Fever	2	...	...	...	...	...	1	...	...
Typhus Fever	...	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...	...
Measles	217	180	1	...	...	25	1	6	...
Scarlet Fever	17	4	5	4	...	1	1	1	...
Whooping-cough	91	57	3	1	...	5	...	2	...
Diphtheria	31	22	4	2	...	...	...	2	...
Influenza	37	12	10	...	4	...	2	2	1
Encephalitis Lethargica	3	1	2	...	...	...	...	...	...
Cerebro-spinal Meningitis	2	2	...	...	...	...	...	...	...
Other Epidemic Diseases	13	9	1	1	...	...	...	...	...
Tuberculosis of Respiratory System ...	201	95	32	14	14	6	13	4	2
Tuberculous Meningitis	32	13	6	4	3	3	...	2	...
Tuber. of Intestines and Peritoneum .	26	12	4	...	1	1	3	1	2
Other Tuberculous Disease	22	14	3	2	...	...	1	...	...
Malignant Tumours	277	123	55	27	15	3	11	5	2
Rheumatic Fever	10	6	1	...	...	1	1	...	1
Meningitis (not Cerebro-spinal or Tuber.)	26	10	3	3	1	...	1	2	1
Apoplexy	248	113	50	22	16	4	6	6	3
Heart Disease	345	136	80	34	29	11	9	5	5
Diseases of Arteries	46	17	9	6	5	2	...	1	...
Bronchitis	325	179	40	25	18	8	10	7	9
Pneumonia (all forms)	425	284	52	18	8	10	12	4	5
Other Diseases of Respiratory System	42	17	9	4	4	1	2	...	1
Diarrhœa and Enteritis (under 2 years)	35	21	2	1	2	1	2	4	...
Appendicitis	26	12	6	1	...	1	1	3	...
All Diseases of Liver (not Malignant)	13	5	2	2	2	1	...	...	...
Nephritis, Acute and Chronic ...	92	43	15	10	5	5	2	3	...
Puerperal Sepsis	13	2	5	...	...	...	1	2	...
Other Diseases and Accidents of Pregnancy and Parturition	17	7	4	1	1	...	...	1	...
Dis. of Early Infancy and Malformations	221	88	25	27	16	7	17	8	3
Suicide	17	5	8	3	...	...	...	...	...
Other Violent Deaths	89	38	17	4	11	5	...	1	1
Other Defined Diseases	486	204	93	44	34	22	19	14	9
Causes Ill-defined or Unknown ...	69	35	7	11	1	2	1	2	3
All Causes ...	3516	1766	554	271	190	125	117	88	48
AGE AT DEATH.									
Under 1	625	367	52	38	30	23	28	18	9
1– 4	448	306	30	14	12	31	9	13	5
5– 9	62	28	5	7	2	6	3	5	1
10–14	38	16	6	3	2	2	2	3	1
15–24	138	67	18	14	5	5	9	2	...
25–34	140	65	20	10	5	3	8	8	4
35–44	187	92	34	13	8	3	4	5	3
45–54	312	165	51	22	15	10	9	5	5
55–64	481	232	92	45	21	10	12	9	8
65–74	560	234	118	52	52	9	16	13	6
75–84	427	156	103	42	26	20	15	7	4
85 and over	98	38	25	11	12	3	2	...	2
All Ages ...	3516	1766	554	271	190	125	117	88	48

DEATHS IN EACH TOWN (corrected for Transfers)—January 1924—*continued.*

CAUSES OF DEATH.	Coatbridge.	Dunfermline.	Kirkcaldy.	Hamilton.	Kilmarnock.	Ayr.	Falkirk.	Perth.
Enteric Fever	1	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...
Measles	3	...	...	...	...	...	1	...
Scarlet Fever	...	...	...	...	1	...	...	...
Whooping-cough	5	...	1	1	...	15	1	...
Diphtheria	1	...	...	...	...	...	...	...
Influenza...	1	1	1	...	1	...	2	...
Encephalitis Lethargica	...	...	...	...	...	...	...	...
Cerebro-spinal Meningitis	...	...	...	...	...	...	...	...
Other Epidemic Diseases	...	...	1	...	1	...	...	...
Tuberculosis of Respiratory System ...	2	3	1	5	4	3	2	1
Tuberculous Meningitis	...	...	...	...	1	...	...	...
Tuber. of Intestines and Peritoneum ...	...	...	...	2	...	...	...	...
Other Tuberculous Disease	...	...	...	1	1	...	...	...
Malignant Tumours	4	5	8	4	4	4	4	3
Rheumatic Fever	...	...	...	...	...	...	...	...
Meningitis (not Cerebro-spinal or Tuber.)	2	...	1	...	1	...	...	1
Apoplexy	3	3	7	1	2	4	4	4
Heart Disease	7	3	4	2	6	2	7	5
Diseases of Arteries	...	...	...	1	2	...	1	2
Bronchitis	5	5	4	5	3	3	2	2
Pneumonia (all forms)	5	3	3	8	1	1	11	...
Other Diseases of Respiratory System	...	2	1	1	...	...	...	...
Diarrhœa and Enteritis (under 2 years)	...	...	...	2	...	...	...	...
Appendicitis	...	...	...	...	...	1	1	...
All Diseases of Liver (not Malignant)	...	1	...	...	...	...	...	...
Nephritis, Acute and Chronic... ...	2	2	1	...	1	1	1	1
Puerperal Sepsis	...	1	...	...	...	1	...	1
Other Diseases and Accidents of Pregnancy and Parturition	...	...	1	...	...	...	1	1
Dis. of Early Infancy and Malformations	2	3	6	4	5	6	3	1
Suicide	1	...	...	...	...	...	...	...
Other Violent Deaths	1	1	3	4	2	...	1	...
Other Defined Diseases	4	4	8	4	6	6	8	7
Causes Ill-defined or Unknown ...	3	1	...	1	1	...	1	...
All Causes ...	52	38	51	46	43	47	51	29
AGE AT DEATH.								
Under 1	8	4	7	9	6	20	5	1
1– 4	8	...	2	6	3	3	5	1
5– 9	2	...	...	3	...	...	...	...
10–14	2	...	...	...	1	...	...	...
15–24	1	2	5	1	4	1	4	...
25–34	2	1	2	3	2	2	3	2
35–44	4	3	...	4	7	2	3	2
45–54	4	5	4	3	2	4	6	2
55–64	7	5	14	3	6	3	10	4
65–74	10	6	7	10	8	5	7	7
75–84	4	10	10	4	2	7	8	9
85 and over	...	2	...	...	2	...	...	1
All Ages ...	52	38	51	46	43	47	51	29

ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Made at GLASGOW, EDINBURGH, DUNDEE, ABERDEEN, PAISLEY, GREENOCK, and PERTH,

During the Month of JANUARY 1924.

OBSERVERS.	Height of Station above Sea-level.	BAROMETER. Mean at Station and 32°.	BAROMETER. Mean at Sea-Level and 32°.	AIR TEMPERATURE. Mean of Maximum (A).	AIR TEMPERATURE. Mean of Minimum (B.)	AIR TEMPERATURE. Mean of A and B (Mean Temperature).	AIR TEMPERATURE. Difference from Average, 1881–1915.	AIR TEMPERATURE. Absolute Maximum and Minimum. Maximum.	Day of Month.	Minimum.	Day of Month.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.	RAIN, AND OTHER FORMS OF PRECIPITATION. Number of Days.	Total Fall.	Difference from Average, 1881–1915.	WIND DIRECTIONS. Number of Observations at 9 A.M. and 9 P.M. N	NE	E	SE	S	SW	W	NW	Calm or Variable.
	feet.	inch.	inch.	°	°	°	°	°		°		°	°	inch.	per cent.		inch.	inch.									
GLASGOW.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
EDINBURGH, Professor R. A. SAMPSON, F.R.S., Royal Observatory.	441	29·316	29·804	44·1	35·0	39·6	+1·6	51	22*nd*	19	9*th*	39·0	1·8	·203	86	19	2·07	+0·33	0	0	7	8	6	17	16	0	8
DUNDEE, A. MACRAE, Curator of Cemeteries.	164	29·596	29·781	41·9	33·3	37·6	+0·5	52	29*th*	21	11*th*	37·8	0·9	·210	93	18	2·50	+0·55	0	5	0	17	0	31	1	8	0
ABERDEEN,* The Meteorological Office.	90	29·669	29·771	42·6	36·0	39·3	+1·4	53	29*th*	23.	11*th*	39·6	1·0	·223	92	16	2·09	−0·09	0	0	2	13	17	15	9	4	2
PAISLEY, The Coats Observatory.	107	29·661	29·782	44·3	36·7	40·5	+1·4	50	25, 29	24	9, 10, 11	40·1	1·3	·221	89	23	5·61	+1·62	0	4	7	5	10	16	7	2	11
GREENOCK,† J. MACALISTER, A.M.Inst., C.E., Greenock Waterworks.	233	29·518	29·781	?44·2	36·2	40·2	+1·8	?54	29*th*	23	10*th*	39·9	1·3	·220	90	27	7·36	+0·52	0	5	11	10	7	17	12	0	0
PERTH,† J. RITCHIE, Jr., The Museum.	22	29·751	29·776	43·5	32·5	38·0	+1·0	55	29*th*	16	10*th*	37·4	1·1	·202	91	16	2·88	+0·37	0	2	7	5	13	19	11	5	0
Means	176	29·585	29·783	43·4	35·0	39·2	+1·3	..	..	..	..	39·0	1·2	·213	90	20	3·75	+0·55	0	3	6	10	9	19	9	3	3

North Latitude.—Glasgow, 55° 51′; Edinburgh, 55° 55′; Dundee, 56° 28′; Aberdeen, 57° 9′; Paisley 55° 51′; Leith, 55° 58′ Greenock, 55° 57′; Perth, 56° 23′; Mean, 56° 11′.
West Longitude.—Glasgow, 4° 13′; Edinburgh, 3° 11′; Dundee, 2° 57′; Aberdeen, 2° 7′; Paisley, 4° 27′; Leith, 3° 8′; Greenock, 4° 46′; Perth, 3° 25′; Mean, 3° 32′.

* At King's College at 7 A.M. and 6 P.M. † At 9 A.M. only.

EDINBURGH: PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE.
To be purchased through any Bookseller or directly from H.M. STATIONERY OFFICE at the following addresses: 120, George Street, Edinburgh; Imperial House, Kingsway, London, W.C. 2, and 28, Abingdon Street, London, S.W. 1; York Street, Manchester; or 1, St. Andrew's Crescent, Cardiff.
Printed under the authority of HIS MAJESTY'S STATIONERY OFFICE By J. Skinner & Co., Ltd., 27 Thistle Street, Edinburgh.
Price 6d. net.
(4017.) Wt. 6/14 1150. 2/24 J. S. & Co., LTD. Group 4/16.

FOR OFFICIAL USE.

MONTHLY RETURN

OF THE

BIRTHS, DEATHS, AND MARRIAGES

IN SIXTEEN OF THE PRINCIPAL TOWNS OF

SCOTLAND.

FEBRUARY 1924.

Published by Authority of the Registrar-General.

REPORT.

During the month of February 1924 there were registered in the Sixteen Principal Towns of Scotland the births of 4758 living children, of whom 2438 were males and 2320 were females. Compared with the number registered in the previous month that of males is 92 less and that of females 6 less. Compared with the number registered in February of last year that of males is 22 more and of females 75 more. Compared with the mean of the numbers of the three preceding months that of males is 34 more, and of females 66 more. The total number of children registered during the month is 98 less than in the previous month, but is 100 more than the mean of those of the three preceding months and 97 more than that of February of last year.

The monthly birth-rate of these towns taken collectively was 25·0 per thousand. This rate is 1·1 more than that of the previous month, and 1·9 more than the mean of those of the three preceding months, but is 0·4 less than that of February of last year. In the individual towns the monthly birth-rate varied from 32·3 in Falkirk, 29·1 in Coatbridge, 28·2 in Motherwell and Wishaw, and 27·7 in Hamilton, to 17·5 in Perth, 19·9 in Dunfermline, and 20·9 in Edinburgh. In Clydebank this rate was 27·0, in Glasgow 26·7, in Kirkcaldy, 26·4, in Paisley 25·8, in Kilmarnock 24·7, in Dundee 24·6, in Greenock 24·3, in Ayr 23·9 and in Aberdeen 22·3.

Of the 4758 living children registered during the month 4470 or 93·9 per cent. were legitimate, while 288 or 6·1 per cent. were illegitimate. The legitimate children of the month number 60 less than in the previous month, but 115 more than in February of last year, and 109 more than the mean of the numbers of the three preceding months. The illegitimate children of the month number 38 less than in the previous month, 18 less than in February of last year, and 10 less than the mean of the numbers of the three preceding months. The illegitimate rate of the month is 0·6 less than that of the previous month, 0·3 less than the mean of the numbers of the three preceding months, and 0·5 less than that of February of last year. In the individual towns the illegitimate rate varied from 9·5 in Kirkcaldy, 8·8 in Dundee, 7·8 in Aberdeen, and 7·6 in Greenock, to 2·2 in Hamilton and in Perth, and 2·9 in Coatbridge and in Ayr. In Edinburgh this rate was 6·8, in Falkirk 6·8, in Glasgow 5·9, in Motherwell and Wishaw 5·1, in Kilmarnock 4·2, in Paisley 4·0, in Dunfermline 3·2, and in Clydebank 3·0.

Marriages registered in these towns numbered 1030. This number is 897 less than that of the previous month, 649 less than the mean of those of the three preceding months, and 268 less than that of February of last year. The monthly marriage-rate was 5·4 per thousand. It is 4·1 less than that of the previous month, 2·9 less than the mean of those of the three preceding months, and 1·7 less than that of February of last year. It is the lowest marriage-rate occurring in the principal towns in the month of February since 1917. In the individual towns the

marriage-rate of the month varied from 6·6 in Ayr, 6·1 in Glasgow, 5·8 in Edinburgh, and 5·7 in Perth, to 2·4 in Clydebank, 2·8 in Dunfermline, 3·1 in Kirkcaldy, and 3·3 in Falkirk. In Aberdeen this rate was 5·5, in Hamilton 5·5, in Greenock 5·3, in Kilmarnock 4·8, in Dundee 4·3, in Motherwell and Wishaw 4·1, in Paisley 3·8, and in Coatbridge 3·6.

Deaths registered in these towns during the month numbered 3658, 1866 being of males and 1792 of females. These deaths include those of 262 persons with usual residence outwith the town of registration, but exclude those of 173 persons who, though dying elsewhere in Scotland, had usual residence in one or other of these towns, and the difference, 89, falls to be deducted to get the corrected number for the month, which is found to be 3569. This corrected number includes 1816 males and 1753 females.

The monthly death-rate, based on the corrected number of deaths, is 18·8 per thousand. This rate is 1·5 more than that of the previous month, 3·2 more than those of the three preceding months, and 4·1 more than that of February of last year. In the individual towns this death-rate varied from 29·6 in Coatbridge, 22·7 in Greenock, 22·1 in Paisley, and 21·4 in Glasgow, to 12·2 in Perth, 13·2 in Ayr, 13·8 in Clydebank, and 13·9 in Hamilton. In Kirkcaldy the monthly death-rate was 18·2, in Motherwell and Wishaw 17·4, in Dundee 17·2, in Kilmarnock 17·2, in Falkirk, 16·5, in Dunfermline 15·9, in Aberdeen 14·7, and in Edinburgh 14·6.

Deaths of children of less than one year old numbered 715. This number is 90 more than in the previous month, 227 more than the mean of the numbers of the three preceding months, and 261 more than that of February of last year. These deaths equal an infantile mortality rate of 156 per thousand of the average number of births registered monthly in these towns during the preceding twelve months. This rate is 20 more than that of the previous month, but 54 more than the mean of those of the three preceding months, and 57 more than that of February of last year. In the individual towns the infantile mortality rate of the month varied from 352 per thousand births in Coatbridge, 231 in Paisley, and 227 in Falkirk, to 73 in Perth, 88 in Edinburgh, 90 in Dunfermline, and 92 in Aberdeen. In Greenock this rate was 181, in Glasgow 179, in Motherwell and Wishaw 176, in Clydebank 163, in Kirkcaldy 157, in Kilmarnock 154, in Dundee 132, in Hamilton 115, and in Ayr 100.

Deaths from the principal epidemic diseases numbered 348, and equalled a death-rate of 1·8 per thousand. These deaths collectively number 45 less than in the previous month, but 24 more than the mean of the numbers of the three preceding months, and 155 more than in February of last year. This death-rate is 0·1 less than that of the previous month, but 0·2 more than the mean of those of the three preceding months, and 0·8 more than that of February of last year. These 348 deaths include 1 from enteric fever, 160 from measles, 16 from scarlet fever, 110 from whooping-cough, 34 from diphtheria, and 27 from the diarrhœas of childhood. Compared with the number in the previous month, deaths from measles are 57 fewer, from the diarrhœas of childhood 8 fewer, from enteric fever 1 fewer and from scarlet fever 1 fewer, but those from diphtheria are 3 more and those from whooping-cough 19 more. Of the 160 deaths from measles 98 occurred in Glasgow, 25 in Coatbridge and 17 in Paisley.

Deaths from influenza in all numbered 128. In January this number was 37, in December it was 32, and in November 18.

Deaths from respiratory diseases, other than phthisis, and exclusive of those associated with influenza, numbered 909, and include 305 from bronchitis and 571 from pneumonia. Collectively these deaths numbered 117 more than in the previous month, 284 more than the mean of the numbers of the three preceding months, and 389 more than in February of last year.

Deaths from all forms of tuberculosis numbered 257, of which 191 were attributed to tuberculosis of the respiratory system. The former number is 24 less than that of the previous month, 9 less than the mean of those of the three preceding months, and 20 less than that of February of last year; the latter number is 10 less than that of the previous month, 1 less than the mean of the three preceding months, and 5 less than that of February of last year.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

FEBRUARY 1924.

Mean barometric pressure, 29·987 in.; greater than the average of 1881–1915 by 0·144 in.

Mean temperature, 39°·7; greater by 1°·3.

Mean daily range of temperature, 8°·2; less by 2°·0.

Rain, depth in inches, 0·95; less by 1·88 in.

Wind, direction of: a 2 days' excess of winds from north-west.

Hence the month was characterised by a high mean pressure; a rather high mean temperature, with a very low mean daily range; an abnormally low mean rainfall; and an excess of north-westerly winds.

Anticyclonic conditions were much in evidence, especially from about 15th to 28th, with pressure very high on 16th and 23rd. During the second week various depressions affected our area, and on 29th a very deep one moved south-eastwards from Shetland and caused a north-westerly gale of great severity in all districts, with a "blizzard" in the north of Scotland. At Edinburgh the barometer fell about 1·3 in. between midday on February 28th and 7 a.m. on March 1st.

The mild weather which had characterised the last ten days of January continued during the first week or so of February, but towards the middle of the month, with easterly winds, there were some exceptionally cold days, and at Aberdeen on both 12th and 13th the thermometer did not rise above 35°. Thereafter there were occasional slight temporary rises of temperature, but on 28th and 29th the weather was bitterly cold. For the month as a whole, night temperature was distinctly above the normal. The actual extremes were not remarkable,—(54° at Paisley on 21st and 19° at West Linton on 14th).

Over the greater part of Scotland the month was one of very moderate precipitation, though towards the north the normal was as a rule approached and in the extreme north and at Grantown-on-Spey there was excess. To the south of the main Grampian Range aggregates were very small; considerable areas had only about one-third or less of the normal; and Dumfries only 0·24 in. (8%). During the first week conditions were rather unsettled in the west (2·02 in. at Lochcarron on 4th); on 17th rain was general (1·51 in. at Glenorchy Manse); and during the last few days there were trifling falls, but in the north heavy snow on 28th and 29th. At Grantown-on-Spey the total "rainfall equivalent" of these two days was as much as 1·16 in.

Wind force was at times very high, especially about 6th, 11th, and 19th. During the north-westerly gale on 29th the highest velocity at Aberdeen (66 miles per hour) was reached at 5.20 p.m. There was fairly heavy snow in some districts on 12th and trifling falls on other days, but during the "blizzard," which set-in in the north on 29th, very serious drifting occurred. In the north and north-east of Scotland many trains were snow-bound and roads impassable. Conditions were perhaps worst in the counties of Banff and Elgin.

A thunderstorm occurred in the hill district of East Lothian on 29th.

During the latter half of the month there were some very sunny days, but sunshine aggregates were everywhere decidedly below the normal.

NOTE.—The mean values refer to those of the Principal Towns named in meteorological table on p. 16.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES in the Principal Towns, February 1924.

TOWNS.	POPULATION.		BIRTHS.					MARRIAGES.	DEATHS.					
									REGISTERED			TRANSFERS		Total Corrected.
	Census 1921.	Estimated to middle of 1924.	Males.	Females.	Total.	Legitimate.	Illegitimate.		Males.	Females.	Total.	Out.	In.	
GLASGOW,	1,034,174	1,051,000	1158	1068	2226	2094	132	506	954	860	1814	108	76	1782
EDINBURGH,	420,264	427,500	335	374	709	661	48	197	257	292	549	57	4	496
DUNDEE,	168,315	169,600	169	161	330	301	29	58	109	123	232	9	8	231
ABERDEEN,	158,963	159,900	165	118	283	261	22	70	95	90	185	23	24	186
PAISLEY,	84,837	86,700	88	89	177	170	7	26	79	84	163	11	0	152
GREENOCK,	81,123	81,700	87	70	157	145	12	34	80	72	152	12	7	147
MOTHERWELL AND WISHAW,	68,869	70,300	75	82	157	149	8	23	52	34	86	1	12	97
CLYDEBANK,	46,506	46,700	47	53	100	97	3	9	18	23	41	2	12	51
COATBRIDGE,	43,909	45,500	54	51	105	102	3	13	60	46	106	2	3	107
DUNFERMLINE,	39,899	41,200	34	31	65	63	2	9	34	19	53	5	4	52
KIRKCALDY,	39,591	40,200	31	53	84	76	8	10	23	28	51	0	7	58
HAMILTON,	39,420	41,000	57	33	90	88	2	18	24	21	45	4	4	45
KILMARNOCK,	35,911	36,800	42	30	72	69	3	14	27	25	52	6	4	50
AYR,	35,763	36,300	32	37	69	67	2	19	20	26	46	11	3	38
FALKIRK,	33,308	34,400	38	50	88	82	6	9	20	26	46	4	3	45
PERTH,	33,208	33,200	26	20	46	45	1	15	14	23	37	7	2	32
TOTAL (SIXTEEN TOWNS)	2,364,060	2,402,000	2438	2320	4758	4470	288	1030	1866	1792	3658	262	173	356

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES in the Principal Towns, February 1924.

TOWNS.	Birth-Rate per 1000 of Population.	Illegitimate Birth-Rate per 100 Births.	Marriage-Rate per 1000 of Population.	DEATH-RATES PER 1000 of POPULATION FROM						DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		Principal Epidemic Diseases.	All Tuberculosis.	Tuberc. of Respiratory System.	All Respiratory Diseases.	Number.	* Rate per 1000 Births.
				Uncorrected.	Corrected.						
GLASGOW,	26·7	5·9	6·1	21·8	21·4	2·6	1·6	1·2	6·8	380	179
EDINBURGH,	20·9	6·8	5·8	16·2	14·6	0·5	1·4	1·2	2·7	62	88
DUNDEE,	24·6	8·8	4·3	17·3	17·2	0·7	1·1	0·9	2·5	44	132
ABERDEEN,	22·3	7·8	5·5	14·6	14·7	0·2	1·2	1·1	2·3	28	92
PAISLEY,	25·8	4·0	3·8	23·7	22·1	3·9	1·0	0·7	5·1	37	231
GREENOCK,	24·3	7·6	5·3	23·5	22·7	0·9	0·9	0·5	7·1	31	181
MOTHERWELL AND WISHAW,	28·2	5·1	4·1	15·4	17·4	2·5	0·9	0·7	4·7	24	176
CLYDEBANK,	27·0	3·0	2·4	11·1	13·8	0·0	0·8	0·5	2·4	14	163
COATBRIDGE,	29·1	2·9	3·6	29·4	29·6	9·4	1·4	0·6	7·5	32	352
DUNFERMLINE,	19·9	3·2	2·8	16·2	15·9	1·2	1·8	0·3	1·5	6	90
KIRKCALDY,	26·4	9·5	3·1	16·0	18·2	0·3	0·9	0·9	1·6	11	157
HAMILTON,	27·7	2·2	5·5	13·9	13·9	1·8	0·9	0·6	4·0	10	115
KILMARNOCK,	24·7	4·2	4·8	17·8	17·2	1·4	0·3	0·3	2·7	10	154
AYR,	23·9	2·9	6·6	16·0	13·2	2·1	0·3	0·3	0·7	7	100
FALKIRK,	32·3	6·8	3·3	16·9	16·5	0·4	1·1	1·1	3·3	15	227
PERTH,	17·5	2·2	5·7	14·1	12·2	0·4	0·4	0·0	1·5	4	73
TOTAL (SIXTEEN TOWNS)	25·0	6·1	5·4	19·2	18·8	1·8	1·4	1·0	4·8	715	156

* Based on the average number of births registered monthly during the past 12 months.

TABLE III.—BIRTH-RATE, DEATH-RATE, ETC. FOR FEBRUARY 1924, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

Month.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM							*Infantile Mortality Rate.	Mean Temperature. (Seven Towns only.)
					Enteric Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Diarrhœa (Under 2 Years).		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
FEB. 1924, .	**25·0**	**6·1**	**5·4**	**18·8**	**1**	**0**	**160**	**16**	**110**	**34**	**27**	**156**	**39°·7**
FEB. 1923, .	25·4	6·6	7·1	14·7	5	0	55	17	56	35	25	99	39°·7
FEB. 1922, .	27·6	6·8	7·1	24·2	0	0	237	16	105	33	51	172	38°·7
FEB. 1921, .	27·3	7·1	8·6	18·6	4	5	19	17	162	42	50	133	40°·9
FEB. 1920, .	33·9	7·9	9·4	15·3	0	0	46	10	21	38	32	129	42°·1
FEB. 1919, .	18·1	9·8	7·8	34·4	1	0	25	10	201	49	32	200	34°·5
FEB. 1918, .	19·6	8·1	7·9	14·5	3	0	63	4	79	29	32	110	42°·8
FEB. 1917, .	21·8	8·6	6·6	19·6	5	0	71	9	103	31	26	124	36°·5
FEB. 1916, .	22·9	7·4	8·2	16·0	6	0	125	45	14	60	31	100	37°·7
FEB. 1915, .	26·8	6·7	6·8	23·4	7	0	45	47	354	39	52	189	38°·3
FEB. 1914, .	27·6	7·3	6·5	17·4	5	0	169	33	24	52	49	140	42·8

Figures in Columns 5–13 have been corrected for non-resident deaths.
* Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS—February 1924

CAUSES OF DEATH.	Total.	Males.	Females.	Age.											
				-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85 & over.
Enteric Fever	1	–	1	–	1	–	–	–	–	–	–	–	–	–	–
Typhus Fever	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Small-pox	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Measles	160	84	76	36	114	8	2	–	–	–	–	–	–	–	–
Scarlet Fever	16	9	7	–	11	4	1	–	–	–	–	–	–	–	–
Whooping-cough	110	57	53	43	65	2	–	–	–	–	–	–	–	–	–
Diphtheria	34	22	12	1	22	11	–	–	–	–	–	–	–	–	–
Influenza	128	54	74	20	15	1	2	4	2	18	9	18	20	16	3
Encephalitis Lethargica	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cerebro-spinal Meningitis	2	1	1	–	1	1	–	–	–	–	–	–	–	–	–
Other Epidemic Diseases	15	9	6	5	1	–	–	1	–	1	2	1	2	1	1
Tuberculosis of Respiratory System	191	95	96	–	5	1	8	51	43	37	25	16	5	–	–
Tuberculous Meningitis	30	14	16	9	14	2	3	1	1	–	–	–	–	–	–
Tuberculosis of Intestines and Peritoneum	17	10	7	2	7	1	2	1	–	3	–	1	–	–	–
Other Tuberculous Disease	19	10	9	–	2	1	2	5	–	2	3	2	2	–	–
Malignant Tumours	251	115	136	–	1	–	–	2	8	20	50	75	58	36	1
Rheumatic Fever	8	6	2	–	–	2	2	3	–	–	1	–	–	–	–
Meningitis (not Cer.-spin. or Tuberc.)	25	15	10	15	6	1	–	1	1	–	1	–	–	–	–
Apoplexy	278	130	148	–	–	–	–	–	1	3	19	61	104	79	11
Heart Disease	293	129	164	1	1	4	3	6	8	18	37	65	88	53	9
Diseases of Arteries	41	22	19	–	–	–	–	–	–	1	5	5	15	13	2
Bronchitis	305	144	161	64	22	1	–	2	2	9	18	48	76	53	10
Pneumonia (all forms)	571	315	256	212	171	8	2	14	20	24	34	33	28	17	8
Other Diseases of Respiratory System	33	25	8	8	5	–	–	–	1	3	5	4	2	3	2
Diarrhœa and Enteritis (under 2 years)	27	18	9	24	3	–	–	–	–	–	–	–	–	–	–
Appendicitis	17	12	5	–	1	1	3	4	2	–	4	2	–	–	–
All Diseases of Liver (not Malignant)	19	7	12	–	–	–	–	–	1	4	6	3	5	–	–
Nephritis, Acute and Chronic	68	32	36	–	–	–	1	2	3	9	14	19	16	3	1
Puerperal Sepsis	8	–	8	–	–	–	–	1	5	2	–	–	–	–	–
Other Dis. & Accidents of Preg. & Part.	13	–	13	–	–	–	–	1	7	5	–	–	–	–	–
Diseases of Early Infancy and Malform.	223	139	84	219	4	–	–	–	–	–	–	–	–	–	–
Suicide	15	11	4	–	–	–	–	3	1	5	1	5	–	–	–
Other Violent Deaths	104	73	31	6	13	4	3	11	11	9	13	13	10	10	1
Other Defined Diseases	482	224	258	47	24	–	7	9	25	36	50	41	84	110	49
Causes Ill-defined or Unknown	65	34	31	3	6	–	1	–	1	4	6	15	23	6	–
	3569	1816	1753	715	515	53	42	122	143	213	303	427	538	400	98

DEATHS IN EACH TOWN (corrected for Transfers)—February 1924.

CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
Enteric Fever	1	...	...	1	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...	...
Measles	160	98	1	...	2	17	4	10	...
Scarlet Fever	16	4	4	3	...	...	1	1	...
Whooping-cough	110	80	2	...	...	9	...	...	...
Diphtheria	34	19	7	4	...	...	...	1	...
Influenza	128	68	19	2	4	4	20	2	...
Encephalitis Lethargica	...	...	...	...	...	...	...	...	...
Cerebro-spinal Meningitis	2	2	...	...	...	...	...	...	...
Other Epidemic Diseases	15	9	2	1	1	...	...	1	1
Tuberculosis of Respiratory System ...	191	99	39	12	14	5	3	4	2
Tuberculous Meningitis	30	19	4	...	1	1	...	...	1
Tuber. of Intestines and Peritoneum	17	10	2	...	...	...	...	...	...
Other Tuberculous Disease	19	7	3	3	...	1	3	1	...
Malignant Tumours	251	101	59	17	16	13	7	6	6
Rheumatic Fever	8	4	1	...	...	...	...	1	...
Meningitis (not Cerebro-spinal or Tuber.)	25	10	2	...	1	...	4	2	2
Apoplexy	278	118	49	23	26	11	9	4	3
Heart Disease	293	109	46	22	26	18	11	7	2
Diseases of Arteries	41	12	10	5	7	1	2	...	...
Bronchitis	305	179	30	15	13	13	16	11	3
Pneumonia (all forms)	571	368	58	18	13	22	29	15	6
Other Diseases of Respiratory System	33	17	5	1	3	...	1	...	...
Diarrhœa and Enteritis (under 2 years)	27	14	3	1	1	1	1	2	...
Appendicitis	17	9	...	1	...	1	1	...	...
All Diseases of Liver (not Malignant)	19	9	1	4	...	1	...	...	1
Nephritis, Acute and Chronic ...	68	32	11	5	3	2	2	3	...
Puerperal Sepsis	8	4	1	...	1	1	1	...	...
Other Diseases and Accidents of Pregnancy and Parturition	13	5	3	1	1	1	...	...	...
Dis. of Early Infancy and Malformations	223	85	20	32	12	14	8	7	9
Suicide	15	6	3	2	1	...	...	...	...
Other Violent Deaths	104	48	16	13	3	1	4	4	2
Other Defined Diseases	482	196	90	37	35	15	18	15	11
Causes Ill-defined or Unknown ...	65	41	5	8	2	...	2	...	2
All Causes ...	3569	1782	496	231	186	152	147	97	51
AGE AT DEATH.									
Under 1	715	380	62	44	28	37	31	24	14
1– 4	515	327	35	13	6	31	28	12	4
5– 9	53	18	5	6	...	3	3	5	2
10–14	42	27	5	...	2	1	3	3	...
15–24	122	53	25	9	6	5	3	6	3
25–34	143	74	19	6	10	7	3	1	...
35–44	213	119	29	7	5	7	12	5	1
45–54	303	152	44	20	22	8	10	9	3
55–64	427	201	75	35	19	18	15	16	8
65–74	538	226	95	46	39	18	20	14	11
75–84	400	174	78	36	39	15	13	2	5
85 and over	98	31	24	9	10	2	6	...	...
All Ages ...	3569	1782	496	231	186	152	147	97	51

DEATHS IN EACH TOWN (corrected for Transfers)—February 1924—*continued.*

CAUSES OF DEATH.	Coatbridge.	Dunfermline.	Kirkcaldy.	Hamilton	Kilmarnock.	Ayr.	Falkirk.	Perth.
Enteric Fever	...	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...
Measles	25	...	1	1	...	...	1	...
Scarlet Fever	1	...	...	...	2	...	...	...
Whooping-cough	5	3	...	4	1	6	...	...
Diphtheria	2	...	...	...	1	...	...	...
Influenza...	2	...	1	4	2	...	...	...
Encephalitis Lethargica	...	...	...	...	...	...	...	...
Cerebro-spinal Meningitis	...	...	...	...	...	...	...	...
Other Epidemic Diseases	...	...	...	...	...	...	...	...
Tuberculosis of Respiratory System ...	2	1	3	2	1	1	3	...
Tuberculous Meningitis	1	2	...	1	...	...	...	...
Tuber. of Intestines and Peritoneum ...	2	2	...	...	...	...	...	1
Other Tuberculous Disease	...	1	...	...	...	...	...	...
Malignant Tumours	4	4	4	3	4	3	3	1
Rheumatic Fever	...	...	1	...	1	...	...	...
Meningitis (not Cerebro-spinal or Tuber.)	1	...	1	1	1	...	...	...
Apoplexy	5	6	5	2	5	3	5	4
Heart Disease	8	7	10	4	6	9	4	4
Diseases of Arteries	1	1	...	...	1	...	...	1
Bronchitis	8	2	4	3	5	1	1	1
Pneumonia (all forms)	19	1	1	10	1	1	7	2
Other Diseases of Respiratory System	...	2	...	...	2	...	1	1
Diarrhœa and Enteritis (under 2 years)	1	1	...	1	...	...	...	1
Appendicitis	...	1	...	2	1	1	...	...
All Diseases of Liver (not Malignant)	1	...	1	...	...	...	1	...
Nephritis, Acute and Chronic... ...	2	1	1	1	...	3	1	1
Puerperal Sepsis	...	...	...	...	...	...	...	...
Other Diseases and Accidents of Pregnancy and Parturition	1	1	...	...	...	...	...	...
Dis. of Early Infancy and Malformations	5	4	9	1	6	1	8	2
Suicide	...	...	...	1	...	1	1	...
Other Violent Deaths	3	2	2	1	...	...	3	2
Other Defined Diseases	7	9	13	3	9	8	6	10
Causes Ill-defined or Unknown ...	1	1	1	...	1	...	...	1
All Causes ...	107	52	58	45	50	38	45	32
AGE AT DEATH.								
Under 1	32	6	11	10	10	7	15	4
1– 4	30	6	3	7	8	3	1	1
5– 9	5	2	...	2	1	1	...	...
10–14	1	...	...	...	...	...	...	...
15–24	2	1	...	2	1	2	3	1
25–34	5	3	4	2	2	3	3	1
35–44	1	6	3	7	3	2	5	1
45–54	2	7	6	2	3	5	4	6
55–64	7	2	7	4	6	4	6	4
65–74	15	4	15	6	8	5	7	9
75–84	6	11	9	2	5	2	...	3
85 and over	1	4	...	1	3	4	1	2
All Ages ...	107	52	58	45	50	38	45	32

ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Made at RENFREW (for GLASGOW), EDINBURGH, DUNDEE, ABERDEEN, PAISLEY, GREENOCK, and PERTH, During the Month of FEBRUARY 1924.

OBSERVERS.	Height of Station above Sea-level.	BAROMETER. Mean at Station and 32°.	BAROMETER. Mean at Sea-Level and 32°.	AIR TEMPERATURE. Mean of Maximum (A).	AIR TEMPERATURE. Mean of Minimum (B.)	AIR TEMPERATURE. Mean of A and B (Mean Temperature).	AIR TEMPERATURE. Difference from Average, 1881–1915.	AIR TEMPERATURE. Absolute Maximum.	AIR TEMPERATURE. Day of Month.	AIR TEMPERATURE. Absolute Minimum.	AIR TEMPERATURE. Day of Month.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Dry Bulb.	HYGROMETER. Depression of Wet Bulb.	HYGROMETER. Vapour Pressure.	HYGROMETER. Humidity.	RAIN, AND OTHER FORMS OF PRECIPITATION. Number of Days.	RAIN. Total Fall.	RAIN. Difference from Average, 1881–1915.	WIND DIRECTIONS. Number of Observations at 9 A.M. and 9 P.M. N	NE	E	SE	S	SW	W	NW	Calm or Variable.
	feet.	inch.	inch.	°	°	°	°	°		°		°	°	inch.	per cent.		inch.	inch.									
RENFREW,* The Meteorological Office.	40	29·964	30·009	44·3	35·3	39·8	+0·7	53	21	22	19*th*	38·8	2·0	·197	84	13	0·58	-2·30	3	6	7	5	0	6	17	8	6
EDINBURGH, Professor R. A. SAMPSON, F.R.S., Royal Observatory.	441	29·509	30·001	42·3	34·5	38·4	+0·1	50	2, 5, 6	27	14, 28	37·7	2·1	·187	82	11	0·62	-0·97	6	2	5	3	3	6	15	11	7
DUNDEE, A. MACRAE, Curator of Cemeteries.	164	29·788	29·972	42·8	34·3	38·6	+1·1	53	2*nd*	27	28*th*	38·1	1·7	·196	85	13	1·09	-0·79	1	5	0	13	0	24	1	14	0
ABERDEEN,* The Meteorological Office.	90	29·839	29·941	42·6	37·2	39·9	+1·6	52	2*nd*	27	28*th*	39·0	1·5	·209	88	19	1·59	-0·46	2	1	2	7	7	11	10	16	2
PAISLEY, The Coats Observatory.	107	29·885	30·006	44·9	36·8	40·9	+1·3	54	21*st*	29	28*th*	40·2	2·2	·205	83	16	0·73	-2·78	4	4	9	1	3	6	13	9	9
GREENOCK,† J. MACALISTER, A.M.Inst., C.E., Greenock Waterworks.	233	29·744	30·007	44·6	36·4	40·5	+1·9	53	21*st*	28	28*th*	39·4	1·9	·205	85	18	1·16	-4·46	0	4	12	3	3	7	27	1	1
PERTH,† J. RITCHIE, Jr., The Museum.	22	29·951	29·976	45·1	35·0	40·1	+2·5	54	2, 6	27	28*th*	39·0	2·2	·195	83	6	0·86	-1·41	4	3	8	6	2	8	14	13	0
Means	157	29·811	29·987	43·8	35·6	39·7	+1·3	..	..	..	..	38·9	1·9	·199	84	14	0·95	-1·88	3	3	6	5	4	10	14	10	3

North Latitude.—Glasgow, 55° 51′; Edinburgh, 55° 55′; Dundee, 56° 28′; Aberdeen, 57° 9′; Paisley 55° 51′; Leith, 55° 58′ Greenock, 55° 57′; Perth, 56° 23′; Mean, 56° 11′.
West Longitude.—Glasgow, 4° 13′; Edinburgh, 3° 11′; Dundee, 2° 57′; Aberdeen, 2° 7′; Paisley, 4° 27′; Leith, 3° 8′; Greenock, 4° 46′; Perth, 3° 25′; Mean, 3° 32′.

* At 7 A.M. and 6 P.M. † At 9 A.M. only.

EDINBURGH: PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE.
To be purchased through any Bookseller or directly from H.M. STATIONERY OFFICE at the following addresses: 120, George Street, Edinburgh; Imperial House, Kingsway, London, W.C. 2, and 28, Abingdon Street, London, S.W. 1; York Street, Manchester; or 1, St. Andrew's Crescent, Cardiff.
Printed under the authority of His MAJESTY'S STATIONERY OFFICE By J. Skinner & Co., Ltd., 27 Thistle Street, Edinburgh.
Price 6d. net.
(4120.) Wt. 6/14 1150. 3/24 J. S. & Co., LTD. Group 4/16.

FOR OFFICIAL USE.

MONTHLY RETURN

OF THE

BIRTHS, DEATHS, AND MARRIAGES

IN SIXTEEN OF THE PRINCIPAL TOWNS OF

SCOTLAND.

MARCH 1924.

Published by Authority of the Registrar-General.

REPORT.

During the month of March 1924 there were registered in the Sixteen Principal Towns of Scotland the births of 4768 living children, of whom 2446 were males and 2322 were females. Compared with the number registered in the previous month that of males is 8 more and that of females 2 more. Compared with the mean of the numbers registered in the three preceding months that of males is 14 fewer, but that of females is 37 more. Compared with the number registered in March of last year that of males is 161 fewer and of females 129 fewer. The total number of children registered during the month is 10 more than in the previous month and 23 more than the mean of the numbers registered in the three preceding months, but is 290 fewer than in March of last year.

The monthly birth-rate of these towns taken collectively was 23·4 per thousand. This rate is 1·6 less than that of the previous month, 0·5 less than the mean of those of the three preceding months, and 1·4 less than that of March of last year. In the individual towns the monthly birth-rate varied from 29·0 in Motherwell and Wishaw, 27·6 in Greenock, and 26·8 in Clydebank, to 16·3 in Dunfermline, 19·1 in Kirkcaldy, 19·4 in Aberdeen, and 19·9 in Perth. In Hamilton this rate was 26·5, in Coatbridge 26·4, in Dundee 25·3, in Kilmarnock 24·7, in Glasgow 24·6, in Paisley 23·6, in Falkirk 21·3, in Ayr 20·8, and in Edinburgh 20·2.

Of the 4768 births registered during the month 4458 or 93·5 per cent. were legitimate, while 310 or 6·5 per cent. were illegitimate. The legitimate children of the month number 12 fewer than in the previous month, and 255 fewer than in March of last year, but 20 more than the mean of the numbers of the three preceding months. The illegitimate children of the month number 22 more than in the previous month, and 3 more than the mean of the numbers of the three preceding months, but 35 fewer than in March of last year. The illegitimate rate of the month is 0·4 more than that of the previous month, but is the same as the mean of those of the three preceding months, while it is 0·3 less than that of March of last year. In the individual towns this rate varied from 9·4 per cent. in Ayr, 8·8 in Dunfermline, 8·4 in Aberdeen, and 8·2 in Dundee, to 2·8 in Clydebank, 2·9 in Motherwell and Wishaw, 3·1 in Kirkcaldy, and 3·3 in Hamilton. In Edinburgh this rate was 7·1, in Glasgow 6·6, in Falkirk 6·5, in Greenock 6·3, in Coatbridge 5·9, in Paisley 5·8, in Perth 5·4 and in Kilmarnock 3·9.

Marriages registered in these towns during the month numbered 1350. This number is 320 more than in the previous month, and 80 more than in March of last year, but is 303 less than the mean of the numbers of the three preceding months. The monthly marriage-rate was 6·6 per thousand. It is 1·2 more than that of the previous month, and 0·4 more than that of March of last year, but is 1·6 less than the mean of those of the three preceding months. In the individual towns the monthly marriage-rate varied from 7·6 in Glasgow, 7·5 in Ayr, 7·3 in Edinburgh, and 7·1 in Kilmar-

nock, to 2·0 in Clydebank, 3·4 in Dunfermline, 4·1 in Coatbridge, and 4·2 in Dundee. In Aberdeen it was 6·7, in Falkirk 6·5, in Motherwell and Wishaw 6·0, in Perth 5·7, in Greenock 5·5, in Hamilton 5·5, in Kirkcaldy 4·7, and in Paisley 4·4.

Deaths registered in these towns during the month numbered 4843, 2441 being of males and 2402 of females. These deaths include those of 320 persons with usual residence outwith the town of registration, but exclude those of 224 persons who, though dying elsewhere in Scotland, had usual residence in one or other of these towns, and the difference, 96, falls to be deducted to get the corrected number for the month, which is found to be 4747. This corrected number includes 2395 males and 2352 females. The corrected number of deaths is 1178 more than that of the previous month, 1294 more than the mean of those of the three preceding months, and 1770 more than in March of last year.

The monthly death-rate, based on the corrected number of deaths, is 23·3 per thousand. It is 4·5 more than that of the previous month, 5·9 more than the mean of those of the three preceding months, and 8·7 more than that of March of last year. It is the highest monthly death-rate in these towns since February 1922. In the individual towns the death-rate, corrected, varied from 35·3 in Coatbridge, 35·1 in Ayr, and 31·2 in Paisley, to 14·7 in Clydebank, 15·2 in Dunfermline, 15·9 in Kirkcaldy and 16·5 in Aberdeen. In Kilmarnock it was 27·9, in Falkirk 27·1, in Glasgow 26·2, in Hamilton 24·2, in Greenock 23·1, in Motherwell and Wishaw 21·0, in Dundee 19·5, in Edinburgh 19·0, and in Perth 18·5.

Deaths of children of less than one year old numbered 849. This number is 134 more than in the previous month, 241 more than the mean of the numbers of the three preceding months, and 379 more than in March of last year. These deaths equal an infantile mortality rate of 173 per thousand of the average number of births registered monthly in these towns during the preceding twelve months. This rate is 17 more than that of the previous month, 43 more than the mean of those of the three preceding months, and 79 more than that of March of last year, and is the highest recorded since January 1922, when it was 206. In the individual towns the infantile mortality rate of the month varied from 316 per thousand in Ayr, 308 in Paisley, and 300 in Kilmarnock and in Falkirk, to 85 in Clydebank and in Perth, and 98 in Aberdeen. In Coatbridge this rate was 286, in Hamilton 250, in Motherwell and Wishaw 195, in Dunfermline 183, in Glasgow 180, in Edinburgh 142, in Greenock 130, in Dundee 128, and in Kirkcaldy 108.

Deaths from the principal epidemic diseases numbered 432, and equalled a death-rate of 2·1 per thousand. This number is 84 more than in the previous month, 72 more than the mean of the numbers of the three preceding months, and 229 more than that of March of last year. This death-rate is 0·3 more than that of the previous month, 0·3 more than the mean of those of the three preceding months, and 1·1 more than in March of last year. These 432 deaths include 1 from enteric fever, 166 from measles, 18 from scarlet fever, 196 from whooping-cough, 21 from diphtheria, and 30 from the diarrhœas of childhood. Compared with the number in the previous month, deaths from whooping-cough are 86 more, from measles 6 more, from the diarrhœas of childhood 3 more and from scarlet fever 2 more, but those from enteric fever are of the same number and those from diphtheria are 13 fewer.

Deaths from influenza in all numbered 327. In December last this number was 32, in January 37, and in February 128. This is the largest number of deaths from influenza in these towns in any month since February 1922.

Deaths from respiratory diseases, other than phthisis, and exclusive of those associated with influenza, numbered 1446, and included 886 from pneumonia and 506 from bronchitis. Collectively these deaths numbered 537 more than in the previous month, 653 more than the mean of the numbers of the three preceding months, and 872 more than in March of last year.

Deaths from all forms of tuberculosis numbered 341, of which 250 were attributed to tuberculosis of the respiratory system. The former number is 84 more than that of the previous month, 72 more than the mean of those of the three preceding months, and 46 more than that of March of last year. The latter number is 59 more than that of the previous month, 52 more than the mean of those of the three preceding months, and 48 more than that of March of last year.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

MARCH 1924.

Mean barometric pressure, 29·840 in.; greater than the average of 1881–1915 by 0·039 in.

Mean temperature, 37°·7; less by 2°·6.

Mean daily range of temperature, 13°·2; greater by 1°·6.

Rain, depth in inches, 1·02; less by 1·77 in.

Wind, direction of: a 2 days' excess of easterly winds.

Hence the month was characterised by a fairly high mean pressure; a decidedly low mean temperature, with a rather high mean daily range; an abnormally low mean rainfall; and an excess of easterly winds.

At the end of February a very deep depression had moved south-eastwards from Iceland, and for a few days pressure remained low and variable over our Islands. On 6th and 7th a "low" over Iceland caused strong south-westerly winds and for a week or so thereafter a Continental "high" was in control. About 19th pressure distribution became irregular, but during the last few days of the month a "high" to the north of Scotland was the dominant factor.

Bitterly cold weather during the first six days of the month (2° at Balmoral on 3rd) was followed by milder conditions, and at *e.g.* Wick and Nairn the mean temperature for the week ending 15th was fully 10° above that for the preceding week. From 16th onwards temperature seldom rose above a moderate level, and the month as a whole was much colder than either January or February. The nights were almost throughout exceptionally cold; at *e.g.* Paisley and Perth the mean night temperature was 5° lower than that of February; and ground frost occurred at Dumfries on every night from 1st to 22nd and from 28th to 31st, and at Braemar on 27 nights and at Balmoral on 28. Highest readings occurred generally on 13th (62° at Ruthwell and 60° at Edinburgh and elsewhere).

The month was in all mainland districts a dry to very dry one; wide areas had rainfall aggregates of less than 1 inch, and considerable areas one-third or less of the normal; and at Fort William the aggregate of 0·53 in. represented only 8% of the normal. At Stornoway and in Shetland there was slight excess. Towards the south-east there was hardly any precipitation except between 21st and 25th—a generally unsettled period,—and at *e.g.* Edinburgh more than half the month's moderate total was accounted for on 23rd. In north and north-west there were moderate falls during the first week or so, with snow on several days; and in some districts from the Grampians northwards trifling to moderate falls from 15th to 18th.

The "blizzard" which had set-in in the north of Scotland on February 29th did not quite expend its violence, at least in north-western districts, for two or three days. Thus Achnashellach reported snow lying to a depth of 10 in. on March 1st, and further moderate falls on 2nd, 3rd and 4th. Later, there were moderate snow falls in some districts about 18th and 22nd. In Shetland there was a south-westerly gale on 7th, but during a great part of the month wind force was moderate.

No thunder was reported.

Towards the south-east of Scotland sunshine aggregates were above the normal, but at Stornoway the month was a very cloudy one.

An aurora was observed at Roshven (Inverness-shire) on 30th, and at Gordon Castle on 31st.

NOTE.—The mean values refer to those of the Principal Towns named in meteorological table on p. 24.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES in the Principal Towns, March 1924.

TOWNS.	POPULATION.		BIRTHS.					MARRIAGES.	DEATHS.					
									REGISTERED			TRANSFERS		Total Corrected.
	Census 1921.	Estimated to middle of 1924.	Males.	Females.	Total.	Legitimate.	Illegitimate.		Males.	Females.	Total.	Out.	In.	
GLASGOW, . .	1,034,174	1,051,000	1095	1097	2192	2048	144	676	1174	1183	2357	132	105	2330
EDINBURGH, .	420,264	427,500	382	349	731	679	52	265	384	367	751	86	24	689
DUNDEE, . .	168,315	169,600	195	169	364	334	30	61	130	152	282	10	8	280
ABERDEEN, . .	158,963	159,900	141	122	263	241	22	91	115	114	229	26	20	223
PAISLEY, . .	84,837	86,700	93	80	173	163	10	32	116	119	235	11	5	229
GREENOCK, . .	81,123	81,700	105	86	191	179	12	38	85	78	163	8	5	160
MOTHERWELL AND WISHAW, .	68,869	70,300	94	79	173	168	5	36	61	52	113	1	13	125
CLYDEBANK, .	46,506	46,700	58	48	106	103	3	8	27	18	45	1	14	58
COATBRIDGE, .	43,909	45,500	43	59	102	96	6	16	72	60	132	2	6	136
DUNFERMLINE, .	39,899	41,200	27	30	57	52	5	12	29	33	62	12	3	53
KIRKCALDY, .	39,591	40,200	29	36	65	63	2	16	25	26	51	2	5	54
HAMILTON, . .	39,420	41,000	50	42	92	89	3	19	47	34	81	1	4	84
KILMARNOCK, .	35,911	36,800	38	39	77	74	3	22	50	38	88	6	5	87
AYR, . . .	35,763	36,300	31	33	64	58	6	23	59	56	115	10	3	108
FALKIRK, . .	33,308	34,400	31	31	62	58	4	19	39	44	83	6	2	79
PERTH, . . .	33,208	33,200	34	22	56	53	3	16	28	28	56	6	2	52
TOTAL . . (SIXTEEN TOWNS)	2,364,060	2,402,000	2446	2322	4768	4458	310	1350	2441	2402	4843	320	224	4747

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES in the Principal Towns, March 1924.

TOWNS.	Birth-Rate per 1000 of Population.	Illegitimate Birth-Rate per 100 Births.	Marriage-Rate per 1000 of Population.	DEATH-RATES PER 1000 of POPULATION FROM						DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		Principal Epidemic Diseases.	All Tuberculosis.	Tuberc. of Respiratory System.	All Respiratory Diseases.	Number.	* Rate per 1000 Births.
				Uncorrected.	Corrected.						
GLASGOW, .	24·6	6·6	7·6	26·5	26·2	3·0	1·9	1·3	8·8	408	180
EDINBURGH, .	20·2	7·1	7·3	20·7	19·0	0·4	1·7	1·4	4·1	107	142
DUNDEE, . .	25·3	8·2	4·2	19·6	19·5	1·0	1·7	1·5	5·4	46	128
ABERDEEN, .	19·4	8·4	6·7	16·9	16·5	0·2	1·4	1·1	2·9	32	98
PAISLEY, . .	23·6	5·8	4·4	32·0	31·2	4·5	1·5	1·5	10·2	52	308
GREENOCK, .	27·6	6·3	5·5	23·6	23·1	1·3	2·3	1·7	6·4	24	130
MOTHERWELL AND WISHAW,	29·0	2·9	6·0	19·0	21·0	1·3	1·3	0·7	7·0	29	195
CLYDEBANK, .	26·8	2·8	2·0	11·4	14·7	0·3	1·8	1·3	5·3	8	85
COATBRIDGE, .	26·4	5·9	4·1	34·2	35·3	6·5	2·6	1·8	13·7	28	286
DUNFERMLINE,	16·3	8·8	3·4	17·8	15·2	0·9	1·1	0·6	5·7	13	183
KIRKCALDY, .	19·1	3·1	4·7	15·0	15·9	0·6	0·6	0·3	3·8	8	108
HAMILTON, .	26·5	3·3	5·5	23·3	24·2	7·2	1·2	0·6	6·3	23	250
KILMARNOCK,	24·7	3·9	7·1	28·2	27·9	1·6	1·0	0·0	9·9	21	300
AYR, . . .	20·8	9·4	7·5	37·3	35·1	3·6	0·6	0·6	14·3	24	316
FALKIRK, . .	21·3	6·5	6·5	28·5	27·1	2·7	1·0	0·7	8·9	21	300
PERTH, . .	19·9	5·4	5·7	19·9	18·5	1·8	0·4	0·4	3·6	5	85
TOTAL . . (SIXTEEN TOWNS)	23·4	6·5	6·6	23·8	23·3	2·1	1·7	1·2	7·1	849	173

* Based on the average number of births registered monthly during the past 12 months.

TABLE III.—BIRTH-RATE, DEATH-RATE, ETC. FOR MARCH 1924, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

MONTH.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM							*Infantile Mortality Rate.	Mean Temperature. (Seven Towns only.)
					Enteric Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Diarrhœa (Under 2 Years).		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
MAR. 1924, .	**23·4**	**6·5**	**6·6**	**23·3**	**1**	**0**	**166**	**18**	**196**	**21**	**30**	**173**	**37°·7**
MAR. 1923, .	24·8	6·8	6·2	14·6	0	0	57	18	69	31	28	94	42°·7
MAR. 1922, .	27·6	6·9	6·5	17·1	2	0	316	9	77	22	45	125	40°·6
MAR. 1921, .	27·0	7·6	9·2	17·9	4	0	29	17	205	39	52	114	42°·6
MAR. 1920, .	35·7	7·2	10·7	18·7	8	3	94	15	30	41	52	146	42°·7
MAR. 1919, .	18·8	10·3	8·9	27·0	5	0	59	8	225	39	37	187	36°·2
MAR. 1918, .	19·3	8·1	7·9	14·6	5	0	63	4	96	27	30	101	41°·4
MAR. 1917, .	21·8	7·9	6·0	17·8	3	0	88	7	181	38	44	131	37°·4
MAR. 1916, .	25·6	6·9	7·1	19·7	9	0	177	36	27	51	56	129	36°·9
MAR. 1915, .	29·4	6·5	7·3	22·9	7	0	110	51	418	45	36	176	40°·8
MAR. 1914, .	27·6	6·3	6·7	17·4	4	1	165	33	44	38	55	122	40°·8

Figures in Columns 5–13 have been corrected for non-resident deaths.
* Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS—March 1924.

CAUSES OF DEATH.	Total.	Males.	Females.	Age.											
				-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85 & over.
Enteric Fever	2	2	–	–	–	–	–	2	–	–	–	–	–	–	–
Typhus Fever	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Small-pox	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Measles	166	92	74	29	132	5	–	–	–	–	–	–	–	–	–
Scarlet Fever	18	9	9	2	7	5	2	1	1	–	–	–	–	–	–
Whooping-cough	196	98	98	72	120	2	1	–	–	1	–	–	–	–	–
Diphtheria	21	8	13	2	17	1	–	1	–	–	–	–	–	–	–
Influenza	327	156	171	36	32	2	2	9	15	34	42	47	62	37	9
Encephalitis Lethargica	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cerebro-spinal Meningitis	8	5	3	3	–	3	1	–	1	–	–	–	–	–	–
Other Epidemic Diseases	17	8	9	5	1	–	–	–	1	2	2	4	2	–	–
Tuberculosis of Respiratory System	250	128	122	1	5	6	10	57	63	56	27	16	7	2	–
Tuberculous Meningitis	36	23	13	7	22	3	1	1	–	1	1	–	–	–	–
Tuberculosis of Intestines and Peritoneum	24	15	9	2	12	1	1	2	2	2	1	–	1	–	–
Other Tuberculous Disease	31	14	17	2	2	2	1	6	6	6	4	1	–	1	–
Malignant Tumours	291	140	151	–	–	2	1	5	3	27	56	81	77	35	4
Rheumatic Fever	1	–	1	–	–	–	–	–	–	–	1	–	–	–	–
Meningitis (not Cer.-spin. or Tuberc.)	26	16	10	9	11	–	2	2	–	2	–	–	–	–	–
Apoplexy	309	131	178	–	–	–	–	1	1	7	24	76	114	76	10
Heart Disease	366	170	196	–	2	–	6	10	8	26	39	77	112	76	10
Diseases of Arteries	41	20	21	–	–	–	–	–	–	2	3	8	13	8	7
Bronchitis	506	238	268	66	27	1	1	7	5	19	31	61	132	120	36
Pneumonia (all forms)	886	512	374	266	289	11	5	20	31	31	59	59	66	42	7
Other Diseases of Respiratory System	54	24	30	9	8	1	–	1	1	2	7	5	10	9	1
Diarrhœa and Enteritis (under 2 years)	30	15	15	23	7	–	–	–	–	–	–	–	–	–	–
Appendicitis	15	6	9	–	6	1	1	4	–	–	2	1	–	–	–
All Diseases of Liver (not Malignant)	20	7	13	–	–	–	–	–	2	2	4	7	3	2	–
Nephritis, Acute and Chronic	85	44	41	2	1	1	1	–	4	7	13	23	22	9	2
Puerperal Sepsis	5	–	5	–	–	–	–	1	3	1	–	–	–	–	–
Other Dis. & Accidents of Preg. & Part.	14	–	14	–	–	–	–	4	6	4	–	–	–	–	–
Diseases of Early Infancy and Malform.	248	136	112	246	1	1	–	–	–	–	–	–	–	–	–
Suicide	13	5	8	–	–	–	–	2	1	–	7	1	1	1	–
Other Violent Deaths	89	63	26	7	14	3	6	4	6	6	8	13	11	8	3
Other Defined Diseases	576	268	308	53	29	8	8	13	29	39	49	66	82	150	50
Causes Ill-defined or Unknown	76	42	34	7	5	–	1	3	1	2	8	23	16	9	1
	4747	2395	2352	849	750	59	51	156	190	279	388	569	731	585	140

DEATHS IN EACH TOWN (corrected for Transfers)—March 1924.

CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
Enteric Fever	2	...	1	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...	...
Measles	166	103	...	...	...	5	6	7	...
Scarlet Fever	18	9	3	2	...	...	1	...	1
Whooping-cough	196	132	3	2	1	26	...	...	...
Diphtheria	21	13	1	4	1	1	...	1	...
Influenza	327	177	35	7	5	23	12	3	1
Encephalitis Lethargica	...	...	...	...	...	...	...	...	...
Cerebro-spinal Meningitis	8	7	...	...	...	...	...	...	...
Other Epidemic Diseases	17	10	3	...	...	2	...	...	...
Tuberculosis of Respiratory System ...	250	114	50	22	15	11	12	4	5
Tuberculous Meningitis	36	22	6	1	...	...	1	2	2
Tuber. of Intestines and Peritoneum	24	12	2	1	3	...	3	1	...
Other Tuberculous Disease	31	19	2	...	1	...	...	1	...
Malignant Tumours	291	128	61	29	24	8	8	5	5
Rheumatic Fever	1	...	...	...	...	1	...	...	...
Meningitis (not Cerebro-spinal or Tuber.)	26	7	6	2	...	2	1	2	2
Apoplexy	309	129	65	15	24	13	10	6	6
Heart Disease	366	139	81	31	20	16	15	11	1
Diseases of Arteries	41	15	12	2	4	2	3	...	...
Bronchitis	506	279	50	23	19	21	13	18	9
Pneumonia (all forms)	886	477	86	50	17	52	30	22	11
Other Diseases of Respiratory System	54	24	13	4	3	2	1	2	1
Diarrhœa and Enteritis (under 2 years)	30	7	8	6	1	1	2	...	...
Appendicitis	15	5	3	1	2	1	...	...	1
All Diseases of Liver (not Malignant)	20	9	7	...	2	...	1	1	...
Nephritis, Acute and Chronic ...	85	40	11	7	9	2	4	3	1
Puerperal Sepsis	5	3	1	...	...	...	1	...	...
Other Diseases and Accidents of Pregnancy and Parturition	14	4	4	1	1	...	...	1	2
Dis. of Early Infancy and Malformations	248	104	40	22	16	9	11	11	2
Suicide	13	6	...	2	2	1	...	1	...
Other Violent Deaths	89	38	17	5	10	2	4	2	2
Other Defined Diseases	576	257	110	38	38	23	19	19	6
Causes Ill-defined or Unknown ...	76	41	8	3	5	5	2	2	...
All Causes ...	4747	2330	689	280	223	229	160	125	58
AGE AT DEATH.									
Under 1	849	408	107	46	32	52	24	29	8
1– 4	750	450	40	21	14	45	32	23	10
5– 9	59	32	5	4	3	2	3	...	4
10–14	51	19	12	2	4	3	1	3	1
15–24	156	75	25	13	4	5	6	6	4
25–34	190	93	31	16	7	6	7	8	2
35–44	279	134	45	17	11	14	11	6	3
45–54	388	203	56	23	20	13	7	11	9
55–64	569	278	91	43	37	24	25	11	3
65–74	731	333	131	40	33	28	25	16	10
75–84	585	244	115	42	48	33	17	11	2
85 and over	140	61	31	13	10	4	2	1	2
All Ages ...	4747	2330	689	280	223	229	160	125	58

DEATHS IN EACH TOWN (corrected for Transfers)—March 1924—*continued.*

CAUSES OF DEATH.	Coatbridge.	Dunfermline.	Kirkcaldy.	Hamilton.	Kilmarnock.	Ayr.	Falkirk.	Perth.
Enteric Fever	1	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...
Measles	17	...	...	16	3	1	8	...
Scarlet Fever	...	...	...	...	1	...	...	1
Whooping-cough	6	2	2	9	...	10	...	3
Diphtheria	...	...	...	...	...	...	...	...
Influenza...	13	5	...	4	18	18	6	...
Encephalitis Lethargica	...	...	...	...	...	...	...	...
Cerebro-spinal Meningitis	...	...	...	...	...	1	...	...
Other Epidemic Diseases	1	...	...	...	...	...	1	...
Tuberculosis of Respiratory System ...	7	2	1	2	...	2	2	1
Tuberculous Meningitis	...	...	1	...	1	...	...	...
Tuber. of Intestines and Peritoneum ...	1	...	...	...	1	...	...	...
Other Tuberculous Disease	2	2	...	2	1	...	1	...
Malignant Tumours	3	1	5	...	2	3	4	5
Rheumatic Fever	...	...	...	...	...	...	...	...
Meningitis (not Cerebro-spinal or Tuber.)	...	...	...	1	1	...	2	...
Apoplexy	5	5	8	4	6	3	4	6
Heart Disease	4	4	6	6	4	7	9	12
Diseases of Arteries	...	...	...	...	...	...	...	3
Bronchitis	9	9	8	8	15	11	7	7
Pneumonia (all forms)	44	9	5	14	16	33	18	2
Other Diseases of Respiratory System	...	2	...	...	...	...	1	1
Diarrhœa and Enteritis (under 2 years)	2	1	...	...	1	...	...	1
Appendicitis	...	...	1	...	1	...	...	...
All Diseases of Liver (not Malignant)	...	...	...	...	...	...	...	...
Nephritis, Acute and Chronic... ...	2	...	2	1	...	1	2	...
Puerperal Sepsis	...	..	...	...	...	...	...	...
Other Diseases and Accidents of Pregnancy and Parturition	1	...	...	...	...	...	...	...
Dis. of Early Infancy and Malformations	4	1	4	8	7	6	3	...
Suicide	...	...	1	...	...	...	...	...
Other Violent Deaths	1	2	2	...	...	...	1	3
Other Defined Diseases	9	8	6	9	9	11	9	5
Causes Ill-defined or Unknown ...	4	...	2	...	...	1	1	2
All Causes ...	136	53	54	84	87	108	79	52
AGE AT DEATH.								
Under 1	28	13	8	23	21	24	21	5
1– 4	40	4	2	29	13	15	10	2
5– 9	2	...	...	2	2	...	...	...
10–14	2	...	1	...	2	...	...	1
15–24	7	1	3	2	2	...	2	1
25–34	4	1	1	1	2	6	3	2
35–44	11	4	4	3	2	9	5	...
45–54	11	5	3	2	7	7	5	6
55–64	8	3	7	6	10	9	7	7
65–74	13	13	12	10	17	21	17	12
75–84	8	8	10	5	7	17	8	10
85 and over	2	1	3	1	2	...	1	6
All Ages ...	136	53	54	84	87	108	79	52

ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Made at RENFREW (for GLASGOW), EDINBURGH, DUNDEE, ABERDEEN, PAISLEY, GREENOCK, and PERTH, During the Month of MARCH 1924.

OBSERVERS.	Height of Station above Sea-level.	BAROMETER. Mean at Station and 32°.	BAROMETER. Mean at Sea-Level and 32°.	AIR TEMPERATURE. Mean of Maximum (A).	AIR TEMPERATURE. Mean of Minimum (B.)	AIR TEMPERATURE. Mean of A and B (Mean Temperature).	AIR TEMPERATURE. Difference from Average, 1881–1915.	AIR TEMPERATURE. Absolute Maximum and Minimum. Maximum.	Day of Month.	Minimum.	Day of Month.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.	RAIN, AND OTHER FORMS OF PRECIPITATION. Number of Days.	Total Fall.	Difference from Average, 1881–1915.	WIND DIRECTIONS. Number of Observations at 9 A.M. and 9 P.M. N	NE	E	SE	S	SW	W	NW	Calm or Variable.
	feet.	inch.	inch.	°	°	°	°	°		°		°	°	inch.	per cent.		inch.	inch.									
RENFREW,* The Meteorological Office.	40	29·796	29·841	46·0	28·4	37·2	−3·4	59	13*th*	15	2, 6	35·9	2·3	·170	81	5	0·84	−1·83	2	7	13	2	3	7	8	3	17
EDINBURGH, Professor R. A. SAMPSON, F.R.S., Royal Observatory.	441	29·369	29·859	44·2	32·0	38·1	−1·8	60	13*th*	22	2*nd*	37·2	3·1	·165	75	7	1·00	−0·79	3	2	7	3	4	6	13	6	18
DUNDEE, A. MACRAE, Curator of Cemeteries.	164	29·651	29·837	42·5	30·1	36·3	−3·5	49	10, 31	22	6*th*	35·2	1·3	·181	88	10	0·78	−1·28	0	8	0	13	0	18	0	23	0
ABERDEEN,* The Meteorological Office.	90	29·719	29·821	42·3	33·1	37·7	−2·4	52	14*th*	21	3, 6	36·8	1·8	·184	85	13	1·09	−1·32	5	6	2	4	15	8	6	15	1
PAISLEY, The Coats Observatory.	107	29·721	29·842	46·1	31·6	38·9	−2·9	58	13*th*	21	2*nd*	38·0	2·9	·175	76	7	1·00	−2·18	2	5	9	1	5	3	7	3	27
GREENOCK,† J. MACALISTER, A.M.Inst., C.E., Greenock Waterworks.	233	29·584	29·848	44·1	35·0	38·6	−1·5	56	13*th*	24	6*th*	36·8	2·2	·178	81	6	1·67	−3·26	0	2	32	2	3	9	12	2	0
PERTH,† J. RITCHIE, Jr., The Museum.	22	29·808	29·833	44·6	29·4	37·0	−3·1	51	10*th*	18	3, 6	35·9	1·8	·178	84	5	0·75	−1·74	0	11	14	12	0	10	5	10	0
Means	157	29·664	29·840	44·3	31·1	37·7	−2·6	..	..	..	..	36·5	2·2	·176	81	8	1·02	−1·77	2	6	11	5	4	9	7	9	9

North Latitude.—Glasgow, 55° 51′; Edinburgh, 55° 55′; Dundee, 56° 28′; Aberdeen, 57° 9′; Paisley 55° 51′; Leith, 55° 58′ Greenock, 55° 57′; Perth, 56° 23′; Mean, 56° 11′.
West Longitude.—Glasgow, 4° 13′; Edinburgh, 3° 11′; Dundee, 2° 57′; Aberdeen, 2° 7′; Paisley, 4° 27′; Leith, 3° 8′; Greenock, 4° 46′; Perth, 3° 25′; Mean, 3° 32′.

* At 7 A.M. and 6 P.M. † At 9 A.M. only.

EDINBURGH: PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE.
To be purchased directly from H.M. STATIONERY OFFICE at the following addresses:
120, George Street, Edinburgh; Imperial House, Kingsway, London, W.C. 2; 28, Abingdon Street, London, S.W. 1
York Street, Manchester; or 1, St. Andrew's Crescent, Cardiff;
or through any Bookseller.
Printed under the authority of HIS MAJESTY'S STATIONERY OFFICE
By J. Skinner & Co., Ltd., 27 Thistle Street, Edinburgh.
Price 6d. net.
(4190.) Wt. 10/15. 1150. 4/24. J. S. & Co., LTD. Group 4/16.

FOR OFFICIAL USE.

MONTHLY RETURN

OF THE

BIRTHS, DEATHS, AND MARRIAGES

IN SIXTEEN OF THE PRINCIPAL TOWNS OF

SCOTLAND.

APRIL 1924.

Published by Authority of the Registrar-General.

REPORT.

During the month of April 1924 there were registered in the Sixteen Principal Towns of Scotland, those burghs which at the date of the 1921 Census had populations of over 30,000, the births of 4694 living children, of whom 2445 were males and 2249 were females. The male children of the month number 1 fewer than those of the previous month, 26 fewer than the mean of the numbers of the three preceding months, and 221 fewer than in April of last year. The female children of the month numbered 73 fewer than in the previous month, 74 fewer than the mean of the numbers of the three preceding months, and 293 fewer than the number for April of last year. The total children registered during the month numbered 74 less than in the previous month, 100 less than the mean of the numbers of the three preceding months, and 514 less than in April of last year.

The monthly birth-rate was 23·8 per thousand. This rate is 0·4 more than that of the previous month, but is 0·3 less than the mean of the rates for the three preceding months, and 2·6 less than that for April of last year. In the individual towns the birth-rate varied from 28·0 in Falkirk, 27·1 in Motherwell and Wishaw, 26·8 in Hamilton, and 25·5 in Greenock and in Kirkcaldy, to 16·3 in Kilmarnock, 18·5 in Ayr, and 19·1 in Perth. In Glasgow this rate was 24·9, in Coatbridge 24·9, in Clydebank 24·5, in Dundee 24·2, in Aberdeen 24·0, in Dunfermline 23·4, in Paisley 22·0, and in Edinburgh 21·2.

Of the 4694 children whose births were registered in these towns during the month 4388, or 93·5 per cent., were legitimate, while 306, or 6·5 per cent., were illegitimate. The legitimate children of the month numbered 70 less than those of the previous month, 98 less than the mean of the numbers of the three preceding months, and 499 less than in April of last year. The illegitimate children of the month numbered 4 less than in the previous month, 2 less than the mean of the numbers of the three preceding months, and 15 less than in April of last year. The illegitimate rate of the month is the same as in the previous month, but is 0·1 more than the mean of the rates of the three preceding months, and 0·3 more than that of April of last year. In the individual towns this rate varied from 9·1 per cent. in Ayr, 8·2 in Kilmarnock, 7·8 in Edinburgh, and 7·1 in Glasgow, to 1·2 in Kirkcaldy, 2·1 in Clydebank, 2·2 in Hamilton, and 3·8 in Paisley, in Dunfermline and in Falkirk. In Dundee this rate was 6·8, in Aberdeen 6·7, in Motherwell and Wishaw 5·8, in Perth 5·8, in Greenock 5·3, and in Coatbridge 4·3.

Marriages registered in these towns during the month numbered 1728. This number is 378 more than that of the previous month, and 292 more than the mean of those of the three preceding months, but is 478 less than that for April of last year. The monthly marriage-rate was 8·8 per thousand. It is 2·2 more than that of the previous month, and 1·6 more than the mean of those of the three preceding months, but is 2·4 less than that of April of last year. In the individual towns the monthly

marriage-rate varied from 11·4 in Falkirk, 10·4 in Ayr, and 10·3 in Edinburgh, to 3·5 in Motherwell and Wishaw, 4·1 in Paisley, and 4·2 in Hamilton. In Dundee and in Perth this rate was 9·6, in Kirkcaldy 9·4, in Glasgow 9·2, in Aberdeen 8·7, in Clydebank 7·6, in Kilmarnock 7·3, in Greenock 7·2, in Dunfermline 7·1, in Coatbridge 6·2.

Deaths registered in these towns numbered 3641, 1868 being of males and 1773 of females. These deaths include those of 336 persons with usual residence outwith the town of registration, but do not include those of 206 persons who, though dying elsewhere in Scotland, had usual residence in one or other of these towns, and the difference, 130, falls to be deducted to get the corrected number, which is thus found to be 3511. This corrected number includes the deaths of 1791 males and 1720 females. The corrected number is 1236 less than that of the previous month, and 433 less than the mean of the numbers of the three preceding months, but is 660 more than that of April of last year.

The monthly death-rate, based on the corrected number of deaths, is 17·8 per thousand. This rate is 5·5 less than that of the previous month, and 2·0 less than the mean of those of the three preceding months, but is 3·3 more than that of April of last year. In the individual towns the monthly death-rate varied from 25·0 in Hamilton, 22·3 in Falkirk, and 21·7 in Perth, to 12·5 in Motherwell and Wishaw, 13·6 in Clydebank, 15·5 in Aberdeen, and 16·0 in Dunfermline. In Paisley the monthly death-rate was 19·8, in Kilmarnock 19·6, in Kirkcaldy 19·4, in Coatbridge 18·5, in Glasgow 18·2, in Dundee 18·1, in Greenock 17·6, in Edinburgh 17·3, and in Ayr 16·4.

Deaths of children of less than one year old numbered 609. This number is 240 less than that of the previous month, and 121 less than the mean of those of the three preceding months, but is 163 more than that for April of last year. These deaths equal an infantile mortality rate of 130 per thousand of the average number of deaths registered monthly in these towns during the preceding twelve months. This rate is 43 less than that of the previous month, 25 less than the mean of those of the three preceding months, but is 38 more than that of April of last year. In the individual towns this rate varied from 216 in Hamilton, 208 in Kirkcaldy, 198 in Paisley, and 182 in Kilmarnock, to 69 in Motherwell and Wishaw, 74 in Greenock, and 97 in Ayr. In Perth this rate was 175, in Dunfermline 145, and in Aberdeen 141. In Dundee it was 140, in Clydebank 132, in Glasgow 127, in Coatbridge 120, in Edinburgh 116, and in Falkirk 104.

Deaths from the principal epidemic diseases numbered 366, and equal a death-rate of 1·9 per thousand. This number is 67 less than that of the previous month, and 25 less than the mean of the numbers of the three preceding months, but is 129 more than that for April of last year. This rate is 0·2 less than that of the previous month, and equals the mean of the numbers of the three preceding months, while it is 0·7 more than that for April of last year. These deaths include 1 from enteric fever, 150 from measles, 21 from scarlet fever, 135 from whooping-cough, 18 from diphtheria, and 41 from the diarrhœas of childhood. Compared with the numbers for March, deaths from the diarrhœas of childhood are 11 more and from scarlet fever 3 more, but those from enteric fever are 1 fewer, from diphtheria 3 fewer, from measles 16 fewer, and from whooping-cough 61 fewer.

Deaths from influenza in all numbered 153. In January they numbered 37, in February 128, and in March 327.

Deaths from respiratory diseases, other than phthisis, but exclusive of those associated with influenza, numbered 776, and included 453 from pneumonia and 273 from bronchitis. Collectively these deaths are 670 less than in March, those from pneumonia are 433 less and those from bronchitis are 233 less.

Deaths from all forms of tuberculosis numbered 316, of which 233 were attributed to tuberculosis of the respiratory system. The former number is 25 less than that of the previous month, but is 23 more than the mean of the numbers of the three preceding months, and 7 more than that for April of last year. The latter number is 17 less than that of the previous month, but is 19 more than the mean of the numbers of the three preceding months, and 28 more than that for April of last year.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

APRIL 1924.

Mean barometric pressure, 29·792 in.; less than the average of 1881–1915 by ·098 in.

Mean temperature, 43°·7; less by 0°·8.

Mean daily range of temperature, 13°·4; less by 0°·6.

Rain, depth in inches, 2·03; less by 0·08 in.

Wind, direction of: a 2 days' excess of south-easterly winds.

Hence the month was characterised by a somewhat low mean pressure; a slightly low mean temperature, with a slightly low mean daily range; a rainfall practically equal to the normal; and an excess of south-easterly winds.

Anticyclonic conditions remained dominant until 6th April; but thereafter pressure distribution was rather variable, though the persistence of a "high" over Iceland prevented the definite development of a south-westerly type of weather. On 11th a "low" over the extreme north of Scotland was associated with a very severe snowstorm in Shetland; and from 24th-27th, a rather extensive depression off Ireland brought a south-easterly air current over Scotland with the most important general rains of the month.

Except for a brief rise around 6th temperature remained low until about 17th. On 11th the thermometer at Lerwick did not rise above 33°, and on the night of 10th-11th it fell to 18° at West Linton and 19° at Balmoral. A decided rise of temperature around 20th, with 68° at Ruthwell and 66° at Leuchars on that day, was followed by colder weather at the end of the month. The mean air temperature of the month was in most districts but little below the normal. That of the soil, however, was abnormally low,—at Dumfries, at a depth of 4 feet, lower than any April during the last ten years except in that of 1917.

Over considerable areas the month's precipitation was appreciably deficient,—at Fort William for the sixth month in succession; but Lerwick had fully two and a half times the normal, and in the Clyde area, parts of Perthshire and the south of Scotland there was a moderate excess. In some western and north-western districts there was precipitation on every day from 6th to 20th,—as a rule of moderate amount, but on 18th, 1·24 in. at Ardgour and 1·00 in. at Arrochar; whilst in many places the month's totals were largely accounted for by falls about the middle of the month and during the wet period from 24th to 27th, when there were some rather heavy falls. In east and south-east there were many dry days, and at *e.g.* Stirling about two-thirds of the month's rain fell between 24th and 27th, with about 1 inch on 24th.

Snow fell rather widely on 9th and 10th,—at Ballater to a depth of 6 in.,—and on 11th very heavily in Shetland, where the storm was the worst experienced for many years, with a fall of more than a foot in places, though with a considerable rise of temperature on 12th the snow rapidly disappeared. On 13th and 14th there were further snowfalls in various districts (2 in. at Stirling). A gale was experienced at Lerwick on 6th, 8th, and 14th.

Thunder was reported rather widely on 15th; and in Morayshire on 28th.

There were a few very sunny days; but in most districts sunshine aggregates were below the normal, though at Edinburgh rather above it.

An aurora was observed at Gordon Castle on 20th.

NOTE.—The mean values refer to those of the Principal Towns named in meteorological table on p. 32.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES in the Principal Towns, April 1924.

TOWNS.	POPULATION.		BIRTHS.					MARRIAGES.	DEATHS.					
									REGISTERED			TRANSFERS		Total Corrected.
	Census 1921.	Estimated to middle of 1924.	Males.	Females.	Total.	Legitimate.	Illegitimate.		Males.	Females.	Total.	Out.	In.	
GLASGOW, . .	1,034,174	1,051,000	1133	1009	2142	1989	153	790	853	758	1611	131	85	1565
EDINBURGH, .	420,264	427,500	383	360	743	685	58	361	320	343	663	79	23	607
DUNDEE, . .	168,315	169,600	175	161	336	313	23	134	133	126	259	13	6	252
ABERDEEN, . .	158,963	159,900	163	152	315	294	21	114	96	115	211	29	21	203
PAISLEY, . .	84,837	86,700	82	74	156	150	6	29	74	76	150	13	4	141
GREENOCK, . .	81,123	81,700	82	89	171	162	9	48	64	60	124	8	2	118
MOTHERWELL AND WISHAW, .	68,869	70,300	78	78	156	147	9	20	31	31	62	0	10	72
CLYDEBANK, .	46,506	46,700	40	54	94	92	2	29	21	18	39	1	14	52
COATBRIDGE, .	43,909	45,500	46	47	93	89	4	23	40	23	63	2	8	69
DUNFERMLINE, .	39,899	41,200	44	35	79	76	3	24	30	30	60	6	0	54
KIRKCALDY, .	39,591	40,200	41	43	84	83	1	31	27	30	57	3	10	64
HAMILTON, . .	39,420	41,000	59	31	90	88	2	14	40	38	78	2	8	84
KILMARNOCK, .	35,911	36,800	28	21	49	45	4	22	37	23	60	8	7	59
AYR, . . .	35,763	36,300	30	25	55	50	5	31	23	37	60	14	3	49
FALKIRK, . .	33,308	34,400	44	35	79	76	3	32	39	31	70	11	4	63
PERTH, . . .	33,208	33,200	17	35	52	49	3	26	40	34	74	16	1	59
TOTAL . . (SIXTEEN TOWNS)	2,364,060	2,402,000	2445	2249	4694	4388	306	1728	1868	1773	3641	336	206	3511

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES in the Principal Towns, April 1924.

TOWNS.	Birth-Rate per 1000 of Population.	Illegitimate Birth-Rate per 100 Births.	Marriage-Rate per 1000 of Population.	DEATH-RATES PER 1000 of POPULATION FROM						DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		Principal Epidemic Diseases.	All Tuberculosis.	Tuberc. of Respiratory System.	All Respiratory Diseases.	Number.	* Rate per 1000 Births.
				Uncorrected.	Corrected.						
GLASGOW, .	24·9	7·1	9·2	18·7	18·2	2·3	2·0	1·4	4·0	275	127
EDINBURGH, .	21·2	7·8	10·3	18·9	17·3	0·9	1·1	0·7	4·1	84	116
DUNDEE, . .	24·2	6·8	9·6	18·6	18·1	0·5	1·7	1·2	4·3	48	140
ABERDEEN, .	24·0	6·7	8·7	16·1	15·5	1·1	1·4	0·8	2·1	44	141
PAISLEY, . .	22·0	3·8	4·1	21·1	19·8	2·8	1·0	0·7	4·6	32	198
GREENOCK, .	25·5	5·3	7·2	18·5	17·6	2·8	1·8	1·5	3·1	13	74
MOTHERWELL AND WISHAW,	27·1	5·8	3·5	10·8	12·5	1·6	1·7	1·6	1·9	10	69
CLYDEBANK, .	24·5	2·1	7·6	10·2	13·6	3·7	0·8	0·8	1·0	12	132
COATBRIDGE, .	24·9	4·3	6·2	16·9	18·5	0·3	1·3	1·1	6·4	11	120
DUNFERMLINE,	23·4	3·8	7·1	17·8	16·0	0·6	0·6	0·6	2·7	10	145
KIRKCALDY, .	25·5	1·2	9·4	17·3	19·4	1·8	1·5	1·2	4·6	15	208
HAMILTON, .	26·8	2·2	4·2	23·2	25·0	6·5	2·4	1·2	4·8	19	216
KILMARNOCK,	16·3	8·2	7·3	19·9	19·6	1·0	0·7	0·7	5·3	12	182
AYR, . . .	18·5	9·1	10·4	20·1	16·4	2·0	1·3	1·3	4·4	7	97
FALKIRK, . .	28·0	3·8	11·4	24·8	22·3	2·1	1·8	1·4	8·2	7	104
PERTH, . .	19·1	5·8	9·6	27·2	21·7	1·8	1·5	1·5	5·1	10	175
TOTAL . . (SIXTEEN TOWNS)	23·8	6·5	8·8	18·5	17·8	1·9	1·6	1·2	3·9	609	130

* Based on the average number of births registered monthly during the past 12 months.

TABLE III.—BIRTH-RATE, DEATH-RATE, ETC. FOR APRIL 1924, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

Month.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM							*Infantile Mortality Rate.	Mean Temperature. (Seven Towns only.)
					Enteric Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Diarrhœa (Under 2 Years).		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
APR. 1924,	**23·8**	**6·5**	**8·8**	**17·8**	**1**	**0**	**150**	**21**	**135**	**18**	**41**	**130**	**43°·7**
APR. 1923,	26·4	6·2	11·2	14·5	3	0	66	26	81	31	30	92	42°·9
APR. 1922,	26·2	7·0	9·5	18·1	1	0	505	8	83	27	33	135	41°·0
APR. 1921,	29·7	6·3	10·6	15·5	1	0	25	16	167	23	44	99	46°·0
APR. 1920,	34·5	6·9	13·3	19·7	4	6	128	9	37	40	45	148	44°·0
APR. 1919,	19·7	8·6	13·1	16·5	2	0	88	6	213	24	36	128	44°·7
APR. 1918,	23·3	7·9	9·6	15·1	4	0	111	8	86	28	38	118	43°·2
APR. 1917,	23·0	7·8	8·3	18·7	3	0	239	5	244	27	33	140	41°·0
APR. 1916,	25·2	6·4	8·2	17·6	4	0	141	39	40	30	44	116	45°·3
APR. 1915,	29·0	7·5	9·3	20·8	8	0	140	33	361	37	58	155	45°·4
APR. 1914,	29·0	6·8	10·7	16·5	10	0	107	20	52	31	51	110	48°·5

Figures in Columns 5–13 have been corrected for non-resident deaths.
* Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS—April 1924

CAUSES OF DEATH.	Total.	Males.	Females.	Age.											
				-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85 & over.
Enteric Fever	1	–	1	–	–	–	–	–	–	1	–	–	–	–	–
Typhus Fever	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Small-pox	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Measles	150	75	75	45	100	5	–	–	–	–	–	–	–	–	–
Scarlet Fever	21	14	7	–	16	3	–	–	1	–	–	1	–	–	–
Whooping-cough	135	68	67	62	73	–	–	–	–	–	–	–	–	–	–
Diphtheria	18	8	10	1	14	3	–	–	–	–	–	–	–	–	–
Influenza	153	67	86	6	9	2	2	9	12	20	22	21	25	22	3
Encephalitis Lethargica	4	–	4	–	–	–	1	–	2	–	1	–	–	–	–
Cerebro-spinal Meningitis	8	5	3	3	1	–	–	2	–	–	2	–	–	–	–
Other Epidemic Diseases	14	8	6	8	1	–	–	–	–	–	3	2	–	–	–
Tuberculosis of Respiratory System	233	132	101	3	5	3	10	60	52	44	34	18	4	–	–
Tuberculous Meningitis	34	23	11	7	17	4	–	5	1	–	–	–	–	–	–
Tuberculosis of Intestines and Peritoneum	21	11	10	3	6	3	2	3	1	1	–	1	1	–	–
Other Tuberculous Disease	28	15	13	3	3	–	4	9	1	2	1	3	2	–	–
Malignant Tumours	247	109	138	–	–	–	–	2	3	26	43	59	76	35	3
Rheumatic Fever	4	3	1	–	–	–	1	–	2	–	–	–	–	1	–
Meningitis (not Cer.-spin. or Tuberc.)	15	11	4	6	5	–	–	1	2	–	1	–	–	–	–
Apoplexy	259	113	146	3	–	–	–	–	1	6	19	60	81	78	11
Heart Disease	291	138	153	1	–	1	–	5	11	16	33	56	96	61	11
Diseases of Arteries	38	26	12	–	–	–	–	–	–	–	8	1	12	16	1
Bronchitis	273	121	152	33	10	1	–	1	4	9	11	51	78	58	17
Pneumonia (all forms)	453	256	197	105	120	4	4	21	18	34	37	40	39	25	6
Other Diseases of Respiratory System	50	26	24	10	4	3	–	1	2	3	7	8	7	4	1
Diarrhœa and Enteritis (under 2 years)	41	20	21	39	2	–	–	–	–	–	–	–	–	–	–
Appendicitis	22	10	12	–	–	7	–	5	2	4	1	2	1	–	–
All Diseases of Liver (not Malignant)	14	8	6	–	–	–	–	–	1	1	4	5	2	1	–
Nephritis, Acute and Chronic	91	40	51	–	–	–	–	9	3	8	22	25	15	9	–
Puerperal Sepsis	12	–	12	–	–	–	–	1	9	2	–	–	–	–	–
Other Dis. & Accidents of Preg. & Part.	18	–	18	–	–	–	–	6	8	4	–	–	–	–	–
Diseases of Early Infancy and Malform.	203	127	76	197	5	–	–	1	–	–	–	–	–	–	–
Suicide	8	7	1	–	–	–	–	–	1	4	3	–	–	–	–
Other Violent Deaths	109	77	32	10	14	5	4	5	10	14	14	15	12	3	3
Other Defined Diseases	481	240	241	52	20	4	9	12	28	30	48	63	73	110	32
Causes Ill-defined or Unknown	62	33	29	12	3	1	1	–	3	5	8	12	12	5	–
	3511	1791	1720	609	428	49	38	158	178	234	322	443	536	428	88

DEATHS IN EACH TOWN (corrected for Transfers)—April 1924.

CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
Enteric Fever	1	1	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...	...
Measles	150	81	6	...	9	2	17	4	2
Scarlet Fever	21	9	4	2	...	2	1	2	...
Whooping-cough	135	75	10	2	1	14	1	1	11
Diphtheria	18	9	5	1	1	...	...	...	1
Influenza	153	55	41	8	3	12	1	6	3
Encephalitis Lethargica	4	2	1	...	1	...	...	...	...
Cerebro-spinal Meningitis	8	6	1	...	...	...	...	1	...
Other Epidemic Diseases	14	7	3	...	...	...	1	...	1
Tuberculosis of Respiratory System ...	233	124	26	17	11	5	10	9	3
Tuberculous Meningitis	34	20	7	1	3	...	1	...	...
Tuber. of Intestines and Peritoneum	21	9	2	1	4	1	...	1	...
Other Tuberculous Disease	28	15	5	4	...	1	1	...	...
Malignant Tumours	247	82	59	23	22	6	9	5	4
Rheumatic Fever	4	1	3	...	...	...	...	...	...
Meningitis (not Cerebro-spinal or Tuber.)	15	5	1	...	2	...	4	...	...
Apoplexy	259	106	54	17	23	14	10	2	5
Heart Disease	291	116	78	19	16	10	3	7	2
Diseases of Arteries	38	14	7	3	6	2	1	...	...
Bronchitis	273	115	49	18	13	10	12	3	2
Pneumonia (all forms)	453	210	76	42	14	23	7	7	1
Other Diseases of Respiratory System	50	20	19	...	1	...	2	1	1
Diarrhœa and Enteritis (under 2 years)	41	26	5	2	4	2	...	2	...
Appendicitis	22	15	1	...	1	1	1	...	...
All Diseases of Liver (not Malignant)	14	4	3	2	1	...	...	...	1
Nephritis, Acute and Chronic ...	91	44	17	4	11	5	...	1	1
Puerperal Sepsis	12	5	1	1	...	3	...	...	...
Other Diseases and Accidents of Pregnancy and Parturition	18	5	2	1	3	2	...	1	...
Dis. of Early Infancy and Malformations	203	86	27	23	15	8	4	1	2
Suicide	8	2	...	2	...	...	...	...	1
Other Violent Deaths	109	45	17	12	6	5	4	3	2
Other Defined Diseases	481	219	77	38	28	12	26	13	7
Causes Ill-defined or Unknown ...	62	32	...	9	4	1	2	2	2
All Causes ...	3511	1565	607	252	203	141	118	72	52
AGE AT DEATH.									
Under 1	609	275	84	48	44	32	13	10	12
1– 4	428	212	41	15	17	23	24	8	9
5– 9	49	24	9	4	...	2	1	3	2
10–14	38	15	4	2	1	3	3	2	...
15–24	158	81	19	14	13	2	6	7	1
25–34	178	85	27	14	10	8	6	5	2
35–44	234	106	34	18	9	10	10	3	6
45–54	322	151	56	20	22	11	8	9	3
55–64	443	210	86	36	19	11	13	10	8
65–74	536	202	127	44	37	23	11	5	6
75–84	428	178	92	33	25	13	19	10	1
85 and over	88	26	28	4	6	3	4	...	2
All Ages ...	3511	1565	607	252	203	141	118	72	52

DEATHS IN EACH TOWN (corrected for Transfers)—April 1924—*continued.*

CAUSES OF DEATH.	Coatbridge.	Dunfermline.	Kirkcaldy.	Hamilton	Kilmarnock.	Ayr.	Falkirk.	Perth.
Enteric Fever	...	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...
Measles	1	...	...	18	2	3	4	1
Scarlet Fever	...	1	...	...	...	...	...	...
Whooping-cough	...	1	6	4	...	3	2	4
Diphtheria	...	...	...	...	1	...	...	...
Influenza...	3	5	2	2	5	3	...	4
Encephalitis Lethargica	...	...	...	...	...	...	...	...
Cerebro-spinal Meningitis	...	...	...	...	...	...	...	...
Other Epidemic Diseases	...	...	...	2	...	...	...	...
Tuberculosis of Respiratory System ...	4	2	4	4	2	4	4	4
Tuberculous Meningitis	...	...	...	2	...	...	...	...
Tuber. of Intestines and Peritoneum ...	...	...	1	1	...	...	1	...
Other Tuberculous Disease	1	...	...	1	...	...	...	...
Malignant Tumours	3	4	4	8	5	5	3	5
Rheumatic Fever	...	...	...	...	...	...	...	...
Meningitis (not Cerebro-spinal or Tuber.)	1	...	...	...	1	...	...	1
Apoplexy	4	3	7	3	4	2	2	3
Heart Disease	2	4	5	7	6	4	6	6
Diseases of Arteries	2	...	1	...	1	...	...	1
Bronchitis	10	1	6	3	9	7	8	7
Pneumonia (all forms)	11	8	9	12	7	5	15	6
Other Diseases of Respiratory System	3	...	...	1	...	1	...	1
Diarrhœa and Enteritis (under 2 years)	...	...	...	...	...	...	...	...
Appendicitis	1	...	...	1	...	1	...	...
All Diseases of Liver (not Malignant)	...	1	1	...	...	1	...	...
Nephritis, Acute and Chronic... ...	1	2	1	...	1	1	2	...
Puerperal Sepsis	...	...	...	1	...	...	...	1
Other Diseases and Accidents of Pregnancy and Parturition	1	...	...	...	2	...	1	...
Dis. of Early Infancy and Malformations	6	7	4	7	5	2	3	3
Suicide	...	1	...	...	...	...	1	1
Other Violent Deaths	2	2	...	3	1	...	5	2
Other Defined Diseases	11	11	12	3	5	7	5	7
Causes Ill-defined or Unknown ...	2	1	1	1	2	...	1	2
All Causes ..	69	54	64	84	59	49	63	59
AGE AT DEATH.								
Under 1	11	10	15	19	12	7	7	10
1– 4	13	3	5	23	8	7	13	7
5– 9	1	...	...	2	...	1	...	...
10–14	3	...	...	1	1	...	...	3
15–24	3	...	1	3	2	1	3	2
25–34	3	3	2	2	2	2	4	3
35–44	4	5	7	1	4	6	8	3
45–54	11	5	4	8	3	5	2	4
55–64	5	8	6	8	5	6	5	7
65–74	7	8	14	7	11	6	15	13
75–84	4	11	7	8	10	4	6	7
85 and over	4	1	3	2	1	4	...	...
All Ages ...	69	54	64	84	59	49	63	59

ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Made at RENFREW (for GLASGOW), EDINBURGH, DUNDEE, ABERDEEN, PAISLEY, GREENOCK, and PERTH, During the Month of APRIL 1924.

OBSERVERS.	Height of Station above Sea-level.	BAROMETER. Mean at Station and 32°.	BAROMETER. Mean at Sea-Level and 32°.	AIR TEMPERATURE. Mean of Maximum (A).	AIR TEMPERATURE. Mean of Minimum (B).	AIR TEMPERATURE. Mean of A and B (Mean Temperature).	AIR TEMPERATURE. Difference from Average, 1881–1915.	AIR TEMPERATURE. Absolute Maximum and Minimum. Maximum.	Day of Month.	Minimum.	Day of Month.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.	RAIN, AND OTHER FORMS OF PRECIPITATION. Number of Days.	Total Fall.	Difference from Average, 1881–1916.	WIND DIRECTIONS. Number of Observations at 9 A.M. and 9 P.M. N	NE	E	SE	S	SW	W	NW	Calm or Variable.
	feet.	inch.	inch.	°	°	°	°	°		°		°	°	inch.	per cent.		inch.	inch.									
RENFREW,* The Meteorological Office.	40	29·749	29·794	51·3	35·9	43·6	−1·4	63	20*th*	22	1, 2, 23	42·7	2·4	·224	82	12	2·17	+0·69	0	6	10	5	3	6	18	6	6
EDINBURGH, Professor R. A. SAMPSON, F.R.S., Royal Observatory.	441	29·324	29·809	48·9	36·9	42·9	−0·9	62	20*th*	29	10, 12	42·1	3·0	·208	78	16	1·04	−0·34	0	4	5	5	8	9	14	4	11
DUNDEE, A. MACRAE, Curator of Cemeteries.	164	29·608	29·791	49·6	36·4	43·0	−1·1	66	20*th*	29	11, 17	42·1	1·9	·228	85	17	1·83	+0·13	0	5	0	19	1	22	0	13	0
ABERDEEN,* The Meteorological Office.	90	29·674	29·776	49·1	37·3	43·2	−0·5	65	20*th*	30	9, 11	42·7	2·6	·220	81	17	1·68	−0·19	4	2	5	8	8	9	9	10	5
PAISLEY, The Coats Observatory.	107	29·675	29·795	52·0	37·7	44·9	−1·3	64	20, 21	27	2*nd*	44·5	3·1	·227	77	16	2·59	+0·27	2	3	8	5	6	6	12	3	15
GREENOCK,† J. MACALISTER, A.M.Inst., C.E., Greenock Waterworks.	233	29·534	29·794	49·7	38·6	44·2	−0·4	61	20*th*	32	1, 2, 11, 23	43·3	2·6	·225	80	21	3·42	−0·22	0	2	16	7	4	8	23	0	0
PERTH,† J. RITCHIE, Jr., The Museum.	22	29·758	29·783	52·3	36·2	44·3	−0·2	67	20*th*	25	2, 11	44·6	2·6	·237	80	8	1·46	−0·32	2	0	5	23	0	20	0	10	0
Means	157	29·617	29·792	50·4	37·0	43·7	−0·8	..	..	..	..	43·1	2·6	·224	80	15	2·03	−0·08	1	3	7	10	4	12	11	7	5

North Latitude.—Glasgow, 55° 51′; Edinburgh, 55° 55′; Dundee, 56° 28′; Aberdeen, 57° 9′; Paisley 55° 51′; Leith, 55° 58′ Greenock, 55° 57′; Perth, 56° 23′; Mean, 56° 11′.
West Longitude.—Glasgow, 4° 13′; Edinburgh, 3° 11′; Dundee, 2° 57′; Aberdeen, 2° 7′; Paisley, 4° 27′; Leith, 3° 8′; Greenock, 4° 46′; Perth, 3° 25′; Mean, 3° 32′.

* At 7 A.M. and 6 P.M. † At 9 A.M. only.

EDINBURGH: PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE.
To be purchased directly from H.M. STATIONERY OFFICE at the following addresses:
120, George Street, Edinburgh; Imperial House, Kingsway, London, W.C. 2; 28, Abingdon Street, London, S.W. 1;
York Street, Manchester; or 1, St. Andrew's Crescent, Cardiff;
or through any Bookseller.
Printed under the authority of His MAJESTY'S STATIONERY OFFICE
By J. Skinner & Co., Ltd., 27 Thistle Street, Edinburgh.
Price 6d. net.
(4268.) Wt. 10/15 1150. 5/24. J. S. & Co., Ltd. Group 4/16

FOR OFFICIAL USE.

MONTHLY RETURN

OF THE

BIRTHS, DEATHS, AND MARRIAGES

IN SIXTEEN OF THE PRINCIPAL TOWNS OF

SCOTLAND.

MAY 1924.

Published by Authority of the Registrar-General.

REPORT.

During the month of May 1924 there were registered in the Sixteen Principal Towns of Scotland, those burghs which at the date of the 1921 Census had populations of over 30,000, the births of 4956 living children, of whom 2547 were males and 2409 were females. The male children number 102 more than in the previous month, and 104 more than the mean of the numbers for the three preceding months, but are 127 fewer than in May of last year. The female children number 160 more than in the previous month, and 112 more than the mean of the numbers for the three preceding months, but are 136 fewer than in May of last year. The total number of births registered during the month is 262 more than in the previous month, and 216 more than the mean of the numbers for the three preceding months, but is 263 fewer than in May of last year.

The monthly birth-rate was 24·4 per thousand. This rate is 0·6 above that for the previous month, and 0·3 above the mean of the rates for the three preceding months, but is 1·2 below that for May of last year. In the individual towns this rate ranged from 28·3 in Coatbridge, 27·4 in Motherwell and Wishaw, and 26·9 in Glasgow, to 18·9 in Clydebank, 20·1 in Dunfermline, and 20·3 in Kirkcaldy. In Hamilton it was 26·2, in Paisley 25·3, in Dundee 23·0, in Greenock 22·8, in Falkirk 22·7, in Ayr 22·1, in Kilmarnock 21·5, in Aberdeen 21·3, in Edinburgh 21·1, and in Perth 21·0.

Of the 4956 children whose births were registered in these towns during the month 4641, or 93·6 per cent., were legitimate, and 315, or 6·4 per cent., were illegitimate. The legitimate children number 253 more than in the previous month and 202 more than the mean of the numbers for the three preceding months, but are 219 fewer than in May of last year. The illegitimate children number 9 more than in the previous month and 14 more than the mean of the numbers for the three preceding months, but are 44 fewer than in May of last year. The illegitimate rate for the month is 0·1 below that for the previous month, the same as the mean of the rates for the three preceding months, and 0·5 below that for May of last year. In the individual towns this rate ranged from 9·7 in Aberdeen, 8·5 in Dundee, and 7·4 in Ayr, to 0 in Dunfermline, 1·5 in Falkirk, and 2·5 in Greenock. In Kirkcaldy it was 7·2, in Edinburgh 7·1, in Glasgow 6·5, in Kilmarnock 6·0, in Motherwell and Wishaw and in Coatbridge 5·5, in Paisley 4·3, in Perth 3·4, in Hamilton 3·3, and in Clydebank 2·7.

Marriages registered in these towns during the month numbered 673. They number 1055 fewer than in the previous month, 696 fewer than the mean of the numbers for the three preceding months, and 142 fewer than in May of last year. The monthly marriage-rate was 3·3 per thousand. It is 5·5 below that for the previous month, 3·6 below the mean of the rates for the three preceding months, and 0·7 below that for May of last year. In the individual towns this rate ranged from 4 3 in Perth, 4·1 in Aberdeen, and 3·9 in Ayr, to 1·4 in Greenock and in Dunfermline,

and 1·6 in Paisley. In Edinburgh it was 3·8, in Glasgow 3·6, in Falkirk 3·4, in Dundee 3·0, in Coatbridge and in Kilmarnock 2·6, in Kirkcaldy 2·4, in Clydebank 2·3, in Hamilton 2·0, and in Motherwell and Wishaw 1·8.

Deaths registered in these towns numbered 3005, of which 1546 were of males and 1459 of females. From these deaths there should be deducted the deaths of 279 persons with usual residence outwith the town of registration, but to them there should be added the deaths of 149 persons who, though dying elsewhere in Scotland, had usual residence in one or other of these towns, and the corrected number is thus found to be 2875. This corrected number includes those of 1472 males and of 1403 females. The corrected number is 636 less than that for the previous month, 1067 less than the mean of the numbers for the three preceding months, and 18 less than that for May of last year.

The monthly death-rate, based on the corrected number of deaths, is 14·1. This rate is 3·7 below that for the previous month, 5·9 below the mean of the rates for the three preceding months, and 0·1 below that for May of last year. In the individual towns the rate ranged from 18·9 in Perth, 18·2 in Ayr, and 15·3 in Aberdeen, to 9·9 in Clydebank, 11·2 in Dunfermline, and 11·4 in Motherwell and Wishaw. In Kilmarnock it was 14·8, in Glasgow 14·7, in Coatbridge 14·5, in Paisley 14·4, in Edinburgh 13·8, in Hamilton 13·5, in Dundee 13·2, in Falkirk 13·0, in Kirkcaldy 12·6, and in Greenock 11·6.

Deaths of children of less than one year old numbered 455. This number is 154 less than in the previous month, 269 less than the mean of the numbers for the three preceding months, and 11 less than in May of last year. These deaths equal an infantile mortality rate of 94 per thousand of the average number of births registered monthly in these towns during the preceding twelve months. This rate is 36 below that for the previous month, and 59 below the mean of those for the three preceding months, but is 1 above that for May of last year. In the individual towns this rate ranged from 151 in Kirkcaldy, 145 in Paisley, and 138 in Perth, to 42 in Ayr, 43 in Falkirk, and 54 in Clydebank. In Aberdeen it was 133, in Coatbridge 104, in Glasgow 100, in Dunfermline 99, in Dundee 81, in Greenock 79, in Hamilton 77, in Kilmarnock 74, in Motherwell and Wishaw 73, and in Edinburgh 71.

Deaths from the principal epidemic diseases numbered 304, and equal a death-rate of 1·5 per thousand. This number is 62 fewer than in the previous month, and 78 fewer than the mean of the numbers for the three preceding months, but is 101 more than in May of last year. This rate is 0·4 below the rate for the previous month, and the same amount below the mean of the rates for the three preceding months, but is 0·5 above that for May of last year. These deaths include 119 from measles, 24 from scarlet fever, 98 from whooping-cough, 29 from diphtheria, and 34 from the diarrhœas of childhood. No deaths were registered as due to enteric fever. Compared with the numbers for April, deaths from diphtheria are 11 more and those from scarlet fever are 3 more, but those from enteric fever are 1 fewer, from the diarrhœas of childhood 7 fewer, from measles 31 fewer, and from whooping-cough 37 fewer.

Deaths from influenza in all numbered 43. In March these deaths numbered 327 and in April 153.

Deaths from encephalitis lethargica, which in January numbered 3 and in April 4, numbered 24 during May. Of these 24 deaths, 16 occurred in Glasgow, 3 in Edinburgh, 2 each in Greenock and in Coatbridge, and 1 in Ayr.

Deaths from respiratory diseases, other than phthisis, but exclusive of those associated with influenza, numbered 438. They are 338 fewer than in the previous month, 606 fewer than the mean of the numbers for the three preceding months, and 61 fewer than in May of last year. They included 261 deaths from pneumonia, being 192 fewer than in April, and 136 deaths from bronchitis, being 137 fewer than in April.

Deaths from all forms of tuberculosis numbered 308, of which 208 were attributed to tuberculosis of the respiratory system. The former number is 8 fewer than in the previous month, but is 3 more than the mean of the numbers for the three preceding months, and 13 more than in May of last year. The latter is 25 fewer than in the previous month, and 17 fewer than the mean of the numbers for the three preceding months, but is 15 more than in May of last year.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

MAY 1924.

Mean barometric pressure, 29·773 in.; less than the average of 1881–1915 by 0·175 in.

Mean temperature, 48°·2; less by 1°·4.

Mean daily range of temperature, 11°·7; less by 3°·3.

Rain, depth in inches, 4·77; greater by 2·34 in.

Wind, direction of: a 2 days' excess of south-easterly winds.

Hence the month was characterised by an abnormally low mean pressure; a low mean temperature, with an abnormally low mean daily range; an abnormally high mean rainfall; and an excess of south-easterly winds.

On 3rd a cold current of air spread down from the Arctic regions; but on 9th a depression began to approach from the Atlantic, and for the rest of the month, except around 17th, conditions were of an unsettled cyclonic type with numerous "secondaries" which promoted the development of thunderstorms.

Temperature remained low until about 9th; for the next ten days or so it was at least equal to the normal; and from 20th onwards decidedly variable. Lowest readings occurred on 4th, 5th, or 9th (24° at Ford, Loch Awe); and highest readings on 22nd, 27th, or 29th. Only in the south of Scotland did temperature reach 70° (72° at Dumfries on 29th), and a striking feature of the month was an abnormally low mean daily range. With very cloudy skies and consequent restriction of terrestrial radiation the mean night temperature was fully equal to the normal, whilst the days were abnormally cold. The temperature of the soil remained much below the normal.

Except in the extreme north-west the month's rainfall was much above the normal; over considerable areas the excess was very large; and in the Lothians and Berwickshire, West Perthshire, and the Inverness–Strathpeffer district amounts were more than twice the normal. At Perth the month was the wettest May on record, and very generally it was the wettest May since 1906, though in East Lothian and Berwickshire that month was very much wetter. Heavy falls occurred towards north-east on 2nd, 6th and 7th (2·39 in. at Ardross Castle, Ross-shire), and over a large area on 9th. The period from 10th to 20th was relatively dry, whilst later heavy falls occurred in Perthshire and elsewhere on 25th and towards the south-east on several days. The heaviest falls were associated with thunderstorms and were often extremely local in character.

Thunderstorms were reported, sometimes over very restricted areas, on 1st and on every day from 5th to 13th, and from 15th to 26th. The storms were more frequent in the east, and especially towards the north-east, than in the west; the most widespread occurred on 7th, 12th and 25th. In Aberdeenshire on both 6th and 16th hailstorms did considerable damage, and on 25th Rattray Parish Church, near Blairgowrie, was struck by lightning. Early in the month the weather was quite wintry, and on 7th at Ardross Castle snow lay to a depth of 1½ in.

The month was everywhere very cloudy,—at Aberdeen it was the cloudiest May on record.

NOTE.—The mean values refer to those of the Principal Towns named in meteorological table on p. 40.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES in the Principal Towns, May 1924.

TOWNS.	POPULATION.		BIRTHS.					MARRIAGES.	DEATHS.					
									REGISTERED			TRANSFERS		Total Corrected.
	Census 1921.	Estimated to middle of 1924.	Males.	Females.	Total.	Legitimate.	Illegitimate.		Males.	Females.	Total.	Out.	In.	
GLASGOW, . .	1,034,174	1,051,000	1229	1164	2393	2237	156	321	723	641	1364	123	67	1308
EDINBURGH, .	420,264	427,500	403	360	763	709	54	139	268	267	535	54	18	499
DUNDEE, . .	168,315	169,600	164	166	330	302	28	43	85	109	194	12	8	190
ABERDEEN, . .	158,963	159,900	137	152	289	261	28	56	97	115	212	13	8	207
PAISLEY, . .	84,837	86,700	93	93	186	178	8	12	57	51	108	3	1	106
GREENOCK, . .	81,123	81,700	75	83	158	154	4	10	51	34	85	7	2	80
MOTHERWELL AND WISHAW, .	68 869	70,300	85	78	163	154	9	11	39	22	61	1	8	68
CLYDEBANK, .	46,506	46,700	39	36	75	73	2	9	14	13	27	1	13	39
COATBRIDGE, .	43,909	45,500	56	53	109	103	6	10	31	21	52	1	5	56
DUNFERMLINE, .	39,899	41,200	39	31	70	70	0	5	25	29	54	16	1	39
KIRKCALDY, .	39,591	40,200	45	24	69	64	5	8	24	21	45	4	2	43
HAMILTON, . .	39,420	41,000	52	39	91	88	3	7	21	21	42	0	5	47
KILMARNOCK, .	35,911	36,800	32	35	67	63	4	8	27	22	49	9	6	46
AYR, . . .	35,763	36,300	39	29	68	63	5	12	37	34	71	17	2	56
FALKIRK, . .	33,308	34,400	34	32	66	65	1	10	19	22	41	5	2	38
PERTH, . . .	33,208	33,200	25	34	59	57	2	12	28	37	65	13	1	53
TOTAL . . (SIXTEEN TOWNS)	2,364,060	2,402,000	2547	2409	4956	4641	315	673	1546	1459	3005	279	149	2875

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES in the Principal Towns, May 1924.

TOWNS.	Birth-Rate per 1000 of Population.	Illegitimate Birth-Rate per 100 Births.	Marriage-Rate per 1000 of Population.	DEATH-RATES PER 1000 of POPULATION FROM						DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		Principal Epidemic Diseases.	All Tuberculosis.	Tuberc. of Respiratory System.	All Respiratory Diseases.	Number.	* Rate per 1000 Births.
				Uncorrected.	Corrected.						
GLASGOW, .	26·9	6 5	3·6	15 3	14·7	1 5	1·6	1·1	2·3	224	100
EDINBURGH, .	21·1	7 1	3 8	14 8	13·8	1·0	1·6	1·2	1·5	53	71
DUNDEE, . .	23·0	8·5	3·0	13·5	13 2	1·0	1·4	0·8	2·2	28	81
ABERDEEN, .	21·3	9·7	4 1	15 7	15·3	2·5	2 1	1·3	2·3	42	133
PAISLEY, . .	25·3	4·3	1·6	14·7	14·4	1 5	1·0	0·4	1·3	24	145
GREENOCK, .	22·8	2·5	1·4	12 3	11·6	2 3	1·7	0·7	1·3	14	79
MOTHERWELL AND WISHAW,	27·4	5·5	1·8	10·2	11·4	1·5	1 3	0·7	2·3	11	73
CLYDEBANK, .	18·9	2·7	2·3	6·8	9 9	1·5	1·5	1·5	2 0	5	54
COATBRIDGE, .	28 3	5·5	2·6	13 5	14·5	1 8	1 6	1·6	3·4	10	104
DUNFERMLINE,	20 1	0·0	1·4	15·5	11 2	1·1	0 0	0·0	2·6	7	99
KIRKCALDY, .	20·3	7·2	2 4	13·2	12·6	0 9	1·5	0·6	2 1	11	151
HAMILTON, .	26·2	3·3	2·0	12·1	13 5	4·3	0·9	0 6	1·4	7	77
KILMARNOCK,	21·5	6·0	2·6	15 7	14 8	1·3	0 6	0·6	3·5	5	74
AYR, . . .	22·1	7·4	3·9	23·1	18·2	1·6	1 0	1·0	3·2	3	42
FALKIRK, . .	22·7	1·5	3·4	14·1	13 0	0·3	1·4	1·0	3·4	3	43
PERTH, . .	21·0	3·4	4·3	23·1	18·9	1·1	2·1	1·4	2·5	8	138
TOTAL . . (SIXTEEN TOWNS)	24·4	6·4	3·3	14·8	14·1	1·5	1·5	1 0	2 2	455	94

* Based on the average number of births registered monthly during the past 12 months.

TABLE III.—BIRTH-RATE, DEATH-RATE, ETC. FOR MAY 1924, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

MONTH.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM							*Infantile Mortality Rate.	Mean Temperature. (Seven Towns only.)
					Enteric Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Diarrhœa (Under 2 Years).		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
MAY 1924,	**24·4**	**6·4**	**3·3**	**14·1**	**0**	**0**	**119**	**24**	**98**	**29**	**34**	**94**	**48°·2**
MAY 1923,	25·6	6·9	4·0	14·2	2	0	56	12	85	15	33	93	46°·7
MAY 1922,	27·1	6·8	5·1	16·0	3	0	388	12	82	16	52	111	51°·3
MAY 1921,	30·0	6·8	6·1	13·8	0	0	21	11	134	33	39	91	51°·0
MAY 1920,	31·7	7·9	7·5	17·0	2	22	102	10	31	27	53	121	50°·6
MAY 1919,	20·9	8·5	7·3	13·4	2	0	106	7	120	21	28	106	52°·6
MAY 1918,	22·6	8·7	5·1	15·8	7	0	140	8	125	28	30	116	52°·6
MAY 1917,	22·3	8·1	4·9	17·0	3	0	277	16	257	27	43	128	49°·6
MAY 1916,	27·8	6·9	5·8	15·6	1	0	133	26	56	22	35	110	49°·3
MAY 1915,	25·9	6·7	6·3	17·9	2	0	235	30	215	31	50	132	48°·3
MAY 1914,	27·4	6·6	3·4	15·3	5	0	104	21	72	22	42	105	50°·2

Figures in Columns 5–13 have been corrected for non-resident deaths.
* Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS—May 1924.

CAUSES OF DEATH.	Total.	Males.	Females.	Age. -1	1–	5–	10–	15–	25–	35–	45–	55–	65–	75–	85 & over
Enteric Fever	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Typhus Fever	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Small-pox	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Measles	119	65	54	38	79	2	–	–	–	–	–	–	–	–	–
Scarlet Fever	24	9	15	–	16	6	2	–	–	–	–	–	–	–	–
Whooping-cough	98	51	47	41	55	2	–	–	–	–	–	–	–	–	–
Diphtheria	29	15	14	–	15	10	2	1	1	–	–	–	–	–	–
Influenza	43	21	22	–	–	–	1	1	4	2	3	12	10	9	1
Encephalitis Lethargica	24	11	13	1	1	1	2	6	3	4	1	4	1	–	–
Cerebro-spinal Meningitis	10	4	6	3	4	2	1	–	–	–	–	–	–	–	–
Other Epidemic Diseases	9	4	5	2	–	–	–	1	–	3	2	1	–	–	–
Tuberculosis of Respiratory System	208	101	107	2	1	1	5	53	53	33	43	12	5	–	–
Tuberculous Meningitis	36	20	16	4	21	6	4	1	–	–	–	–	–	–	–
Tuberculosis of Intestines and Peritoneum	24	15	9	4	9	2	2	2	1	3	1	–	–	–	–
Other Tuberculous Disease	40	22	18	1	10	6	1	13	3	1	2	2	1	–	–
Malignant Tumours	253	110	143	–	–	–	–	2	5	16	52	81	62	34	1
Rheumatic Fever	7	2	5	–	–	1	–	2	–	–	2	2	–	–	–
Meningitis (not Cer.-spin. or Tuberc.)	23	17	6	3	7	1	1	6	2	1	–	1	–	–	1
Apoplexy	204	91	113	4	–	–	–	1	1	–	25	45	75	43	10
Heart Disease	293	148	145	–	2	–	6	8	10	14	33	70	93	46	6
Diseases of Arteries	36	26	10	–	–	–	–	–	–	–	8	4	14	9	1
Bronchitis	136	67	69	13	9	–	–	2	2	4	11	29	31	32	3
Pneumonia (all forms)	261	152	109	61	67	4	1	5	13	11	26	27	28	17	1
Other Diseases of Respiratory System	41	28	13	5	5	2	–	2	3	2	5	5	7	4	1
Diarrhœa and Enteritis (under 2 years)	34	19	15	29	5	–	–	–	–	–	–	–	–	–	–
Appendicitis	22	11	11	–	1	3	2	5	2	3	3	–	3	–	–
All Diseases of Liver (not Malignant)	15	5	10	–	–	–	–	–	–	–	4	6	1	4	–
Nephritis, Acute and Chronic	91	49	42	1	1	2	2	1	7	9	23	22	18	5	–
Puerperal Sepsis	9	–	9	–	–	–	–	2	4	3	–	–	–	–	–
Other Dis. & Accidents of Preg. & Part.	18	–	18	–	–	–	–	4	5	9	–	–	–	–	–
Diseases of Early Infancy and Malform.	190	115	75	189	1	–	–	–	–	–	–	–	–	–	–
Suicide	11	7	4	–	–	–	–	–	1	3	4	–	2	1	–
Other Violent Deaths	84	60	24	1	15	2	3	16	10	5	9	8	8	6	1
Other Defined Diseases	441	207	234	46	14	8	6	16	16	33	44	60	67	106	25
Causes Ill-defined or Unknown	42	20	22	7	1	–	–	–	–	3	5	11	5	10	–
	2875	1472	1403	455	339	61	41	150	146	162	306	402	436	326	51

DEATHS IN EACH TOWN (corrected for Transfers)—May 1924.

CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
Enteric Fever	...	...	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...	...
Measles	119	36	12	...	29	...	15	1	2
Scarlet Fever	24	7	7	3	1	...	...	3	...
Whooping-cough	98	65	5	3	3	9	1	2	1
Diphtheria	29	13	6	7	...	...	...	...	1
Influenza	43	19	9	2	2	4	...	1	...
Encephalitis Lethargica	24	16	3	...	...	...	2	...	...
Cerebro-spinal Meningitis	10	6	4	...	...	...	...	...	...
Other Epidemic Diseases	9	8	...	...	...	...	...	...	...
Tuberculosis of Respiratory System ...	208	96	43	12	17	3	5	4	6
Tuberculous Meningitis	36	15	8	4	5	1	1	1	...
Tuber. of Intestines and Peritoneum	24	10	4	2	4	1	1	...	...
Other Tuberculous Disease	40	18	3	2	3	2	5	3	...
Malignant Tumours	253	111	58	14	16	8	6	4	2
Rheumatic Fever	7	2	2	...	1	...	1	...	...
Meningitis (not Cerebro-spinal or Tuber.)	23	10	3	...	...	1	1	...	1
Apoplexy	204	98	44	15	13	9	4	6	...
Heart Disease	293	105	63	24	21	19	3	7	4
Diseases of Arteries	36	10	9	6	3	1	1	...	...
Bronchitis	136	64	21	11	8	3	3	3	5
Pneumonia (all forms)	261	125	24	21	21	9	4	10	3
Other Diseases of Respiratory System	41	17	8	...	2	1	2	1	...
Diarrhœa and Enteritis (under 2 years)	34	15	5	2	1	2	...	3	2
Appendicitis	22	11	4	1	1	1	...	1	...
All Diseases of Liver (not Malignant)	15	2	6	1	1	1	...	1	...
Nephritis, Acute and Chronic ...	91	46	15	9	5	2	1	2	1
Puerperal Sepsis	9	5	1	...	1	1	...	...	...
Other Diseases and Accidents of Pregnancy and Parturition	18	9	4	1	...	2	...	...	...
Dis. of Early Infancy and Malformations	190	104	24	9	11	10	6	3	1
Suicide	11	3	4	...	1	...	1	...	...
Other Violent Deaths	84	37	16	5	3	1	2	3	1
Other Defined Diseases	441	200	81	31	32	14	13	9	9
Causes Ill-defined or Unknown ...	42	25	3	5	2	1	2	...	...
All Causes ...	2875	1308	499	190	207	106	80	68	39
AGE AT DEATH.									
Under 1	455	224	53	28	42	24	14	11	5
1– 4	339	161	34	17	32	9	15	11	6
5– 9	61	30	12	5	3	2	1	3	...
10–14	41	18	9	3	2	...	2	...	2
15–24	150	73	24	11	8	4	8	5	2
25–34	146	74	21	4	10	1	5	5	5
35–44	162	91	33	11	4	3	7	1	2
45–54	306	153	55	13	15	9	6	6	4
55–64	402	176	82	39	19	17	7	7	5
65–74	436	162	96	31	35	21	8	12	3
75–84	326	124	68	28	34	15	5	6	3
85 and over	51	22	12	...	3	1	2	1	2
All Ages ...	2875	1308	499	190	207	106	80	68	39

DEATHS IN EACH TOWN (corrected for Transfers)—May 1924—*continued.*

CAUSES OF DEATH.	Coatbridge.	Dunfermline.	Kirkcaldy.	Hamilton.	Kilmarnock.	Ayr.	Falkirk.	Perth.
Enteric Fever	...	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...
Measles	3	...	...	12	3	4	1	1
Scarlet Fever	1	...	...	1	...	...	...	1
Whooping-cough	...	4	3	1	...	...	...	1
Diphtheria	2	...	...	...	...	...	...	...
Influenza...	...	...	1	4	1	...	...	...
Encephalitis Lethargica	2	...	...	...	...	1	...	...
Cerebro-spinal Meningitis	...	...	...	...	...	...	...	...
Other Epidemic Diseases	...	...	1	...	...	...	...	...
Tuberculosis of Respiratory System ...	6	...	2	2	2	3	3	4
Tuberculous Meningitis	...	...	1	...	...	...	...	...
Tuber. of Intestines and Peritoneum ...	...	...	1	...	...	...	...	1
Other Tuberculous Disease	...	...	1	1	...	...	1	1
Malignant Tumours	5	4	3	4	4	3	2	9
Rheumatic Fever	...	...	...	...	1	...	...	...
Meningitis (not Cerebro-spinal or Tuber.)	1	2	1	...	...	1	...	2
Apoplexy	2	4	1	...	4	...	2	2
Heart Disease	3	4	6	2	6	16	5	5
Diseases of Arteries	...	1	...	2	1	...	1	1
Bronchitis	5	1	3	2	2	3	1	1
Pneumonia (all forms)	6	4	4	3	8	6	8	5
Other Diseases of Respiratory System	2	4	...	...	1	1	1	1
Diarrhœa and Enteritis (under 2 years)	1	...	...	1	1	1	...	...
Appendicitis	...	1	...	...	...	...	2	...
All Diseases of Liver (not Malignant)	1	...	...	2	...	...	...	...
Nephritis, Acute and Chronic... ...	1	...	...	1	4	2	...	2
Puerperal Sepsis	1	...	...	...	...	...	...	...
Other Diseases and Accidents of Pregnancy and Parturition	1	1	...	...	...	...	...	...
Dis. of Early Infancy and Malformations	5	3	1	2	2	2	3	4
Suicide	...	...	1	...	...	...	...	1
Other Violent Deaths	1	...	4	3	...	2	2	4
Other Defined Diseases	6	6	9	3	6	10	6	6
Causes Ill-defined or Unknown ...	1	...	...	1	...	1	...	1
All Causes ...	56	39	43	47	46	56	38	53
AGE AT DEATH.								
Under 1	10	7	11	7	5	3	3	8
1– 4	11	3	4	12	5	7	6	6
5– 9	2	...	1	1	...	1	...	...
10–14	1	...	...	...	1	...	...	3
15–24	3	2	5	1	...	1	3	...
25–34	5	2	2	2	3	4	1	2
35–44	1	1	1	1	1	1	1	3
45–54	7	7	3	3	8	5	7	5
55–64	8	5	3	4	9	6	7	8
65–74	6	7	6	11	7	14	8	9
75–84	1	4	6	4	7	10	2	9
85 and over	1	1	1	1	...	4	...	...
All Ages ...	56	39	43	47	46	56	38	53

ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Made at Renfrew (for Glasgow), Edinburgh, Dundee, Aberdeen, Paisley, Greenock, and Perth, During the Month of May 1924.

OBSERVERS.	Height of Station above Sea-level.	BAROMETER. Mean at Station and 32°.	BAROMETER. Mean at Sea-Level and 32°.	AIR TEMPERATURE. Mean of Maximum (A).	AIR TEMPERATURE. Mean of Minimum (B).	AIR TEMPERATURE. Mean of A and B (Mean Temperature).	AIR TEMPERATURE. Difference from Average, 1881–1915.	AIR TEMPERATURE. Absolute Maximum and Minimum. Maximum.	Day of Month.	Minimum.	Day of Month.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.	RAIN, AND OTHER FORMS OF PRECIPITATION. Number of Days.	Total Fall.	Difference from Average, 1881–1915.	WIND DIRECTIONS. Number of Observations at 9 A.M. and 9 P.M. N	NE	E	SE	S	SW	W	NW	Calm or Variable.
	feet.	inch.	inch.	°	°	°	°	°		°		°	°	inch.	per cent.		inch.	inch.									
RENFREW,* The Meteorological Office.	40	29·715	29·759	55·3	41·9	48·6	−1·7	65	18, 29	26	9th	48·5	2·3	·285	83	26	3·98	+1·39	2	9	13	3	5	9	7	2	12
EDINBURGH, Professor R. A. Sampson, F.R.S., Royal Observatory.	441	29·304	29·784	52·5	42·5	47·5	−1·0	61	22nd	34	5th	46·7	2·2	·268	85	24	4·46	+2·59	2	12	7	3	8	7	9	2	12
DUNDEE, A. Macrae, Curator of Cemeteries.	164	29·599	29·780	53·5	41·5	7·5	−1·9	63	15, 27	31	4th	47·0	1·8	·280	87	26	4·40	+2·31	0	7	0	30	0	22	0	3	0
ABERDEEN,* The Meteorological Office.	90	29·680	29·781	52·3	41·9	47·1	−1·1	64	27th	31	4, 6	47·1	2·1	·274	85	23	4·85	+2·52	7	3	7	14	11	6	3	6	5
PAISLEY, The Coats Observatory.	107	29·652	29·771	55·9	43·3	49·6	−2·0	68	29th	33	9th	49·0	2·7	·283	81	25	4·81	+2·32	2	11	15	3	9	6	4	1	11
GREENOCK,† J. MacAlister, A.M.Inst., C.E., Greenock Waterworks.	233	29·503	29·760	53·6	43·6	48·6	−1·2	65	29th	35	5th	47·9	2·4	·276	84	27	5·12	+1·67	2		21	4	6	10	14	1	0
PERTH,† J. Ritchie, Jr., The Museum.	22	29·752	29·776	55·5	41·9	48·7	−1·1	64	18, 29	34	5th	48·2	1·9	·290	87	21	5·78	+3·56	3	6	11	13	4	16	0	9	0
Means	157	29·601	29·773	54·1	42·4	48·2	−1·4	..	..	..	..	47·8	2·2	·279	85	25	4·77	+2·34	3	7	11	10	6	11	5	3	6

North Latitude.—Glasgow, 55° 51′; Edinburgh, 55° 55′; Dundee, 56° 28′; Aberdeen, 57° 9′; Paisley 55° 51′; Leith, 55° 58′ Greenock, 55° 57′; Perth, 56° 23′; Mean, 56° 11′.
West Longitude.—Glasgow, 4° 13′; Edinburgh, 3° 11′; Dundee, 2° 57′; Aberdeen, 2° 7′; Paisley, 4° 27′; Leith, 3° 8′; Greenock, 4° 46′; Perth, 3° 25′; Mean, 3° 32′.

* At 7 A.M. and 6 P.M. † At 9 A.M. only.

EDINBURGH: PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE.
To be purchased directly from H.M. Stationery Office at the following addresses:
120, George Street, Edinburgh; Imperial House, Kingsway, London, W.C. 2; 28, Abingdon Street, London, S.W. 1;
York Street, Manchester; or 1, St. Andrew's Crescent, Cardiff;
or through any Bookseller.
Printed under the authority of His Majesty's Stationery Office
By J. Skinner & Co., Ltd., 27 Thistle Street, Edinburgh.
Price 6d. net.
(4335.) Wt. 10/15 1150. 6/24 J. S. & Co., Ltd. Group 4/16

FOR OFFICIAL USE.

MONTHLY RETURN

OF THE

BIRTHS, DEATHS, AND MARRIAGES

IN SIXTEEN OF THE PRINCIPAL TOWNS OF

SCOTLAND.

JUNE 1924.

Published by Authority of the Registrar-General.

REPORT.

During the month of June 1924 there were registered in the Sixteen Principal Towns of Scotland, those burghs which at the date of the 1921 Census had populations of over 30,000, the births of 4779 living children, of whom 2468 were males and 2311 were females. The male children numbered 79 fewer than those registered in the previous month, and 11 fewer than the mean of the numbers of the three preceding months, but 17 more than in June of last year. The female children numbered 98 fewer than those registered in the previous month, 16 fewer than the mean of the numbers registered in the three preceding months, and 133 fewer than registered in June of last year. The total number of births registered during the month is 177 less than that of the previous month, 27 less than the mean of those of the three preceding months, and 116 less than that of June of last year.

The monthly birth-rate in these burghs taken collectively was 24·3 per thousand. This rate is 0·1 less than that of May, and 0·5 less than that of June of last year, but is 0·4 more than the mean of those of the three preceding months, March, April and May of this year. In the individual towns the monthly birth-rate varied from 28·6 in Motherwell and Wishaw, 27·2 in Greenock, 26·4 in Glasgow, 24·9 in Coatbridge, and 24·7 in Aberdeen, to 18·6 in Paisley, 18·8 in Clydebank, and 19·1 in Perth. In Ayr this rate was 24·2, in Dundee 23·5, in Hamilton 23·2, in Kilmarnock 22·9, in Falkirk 21·6, in Kirkcaldy 21·3, in Edinburgh 21·1 and in Dunfermline 21·0.

Of the 4779 children registered in these towns during the month 4486, or 93·9 per cent., were legitimate, while 293, or 6·1 per cent., were illegitimate. The legitimate children of the month numbered 155 fewer than those of the previous month, 10 fewer than the mean of the numbers of the three preceding months and 112 fewer than in June of last year. The illegitimate children numbered 22 fewer than in the previous month, 17 fewer than the mean of the numbers of the three preceding months, and 4 fewer than in June of last year. The illegitimate rate of the month, 6·1 per cent., is 0·3 less than in the previous month, and 0·4 less than the mean of the rates of the three preceding months, but is the same as in June of last year. In the individual towns this rate varied from 15·4 per cent. in Perth, 9·0 in Aberdeen, and 7·1 in Kirkcaldy, to 1·3 in Hamilton, 2·3 in Paisley, and 2·8 in Clydebank and in Ayr. In Edinburgh this rate was 6·8, in Dundee 6·7, in Glasgow 6·3, in Dunfermline 5·6, in Coatbridge 5·4, in Kilmarnock 4·3, in Motherwell and Wishaw 4·2, in Greenock 3·8, and in Falkirk 3·3.

Marriages registered in these towns during the month numbered 2254. This number is 1581 more than that of the previous month, and 1004 more than the mean of the numbers of the three preceding months, but is 50 less than that of June of last year. The monthly marriage-rate was 11·4 per thousand. It is 8·1 more than that of the previous month and 5·2 more than the mean of those of the three preceding months, but is 0·3 less than that of June of last year. In the individual towns the marriage-rate varied from 14·3 in Perth, 14·1 in Aberdeen, 13·8 in Ayr,

and 13·1 in Edinburgh, to 4·7 in Clydebank, 5·9 in Coatbridge, and 8·2 in Falkirk. In Kirkcaldy this rate was 11·8, in Kilmarnock 11·6, in Dundee 11·6, in Glasgow 11·4, in Motherwell and Wishaw 10·6, in Greenock 9·9, in Hamilton 9·8, in Paisley 9·1, and in Dunfermline 8·6.

Deaths registered in these towns during the month numbered 2600, 1303 being of males and 1297 being of females. This number includes those of 235 persons with usual residence outwith the town of registration, but excludes those of 152 persons who, though dying elsewhere in Scotland, had usual residence in one or other of these towns, and the difference, 83, falls to be deducted to get the corrected number, which is thus found to be 2517. This corrected number includes the deaths of 1254 males and 1263 females. In the previous month the male deaths numbered 1472 and the female 1403.

The monthly death-rate, based on the corrected number of deaths, is 12·8 per thousand. This rate is 1·3 less than that of the previous month, and 5·6 less than the mean of those of the three preceding months, but is the same as it was in June of last year. In the individual towns the monthly death-rate, corrected, varied from 14·4 in Aberdeen, 14·0 in Greenock, and 13·3 in Glasgow and in Kilmarnock, to 6·8 in Clydebank, 8·9 in Falkirk, and 9·8 in Hamilton. In Ayr and in Coatbridge this rate was 13·1, in Dundee 12·8, in Edinburgh 12·5, in Perth 12·5, in Motherwell and Wishaw 12·3, in Kirkcaldy 12·2, in Paisley 11·3, and in Dunfermline 10·1.

Deaths of children of less than one year old numbered 364. These deaths are 91 fewer than in the previous month, 274 less than the mean of those of the three preceding months, and 23 less than in June of last year. These deaths equal an infantile mortality rate of 78 per thousand of the average number of births registered monthly in these towns during the preceding twelve months. This rate is 16 less than that of the previous month, 54 less than the mean of those of the three preceding months, and 2 less than that of June of last year. In the individual towns the infantile mortality rate varied from 140 in Aberdeen, 109 in Greenock, and 108 in Kilmarnock, to 0 in Falkirk, 23 in Clydebank, and 29 in Dunfermline. In Glasgow this rate was 80 per thousand, in Dundee 75, in Motherwell and Wishaw 74, in Kirkcaldy 71, in Ayr 71, in Edinburgh 68, in Hamilton 58, in Paisley 57, in Perth 55, and in Coatbridge 53.

Deaths from the principal epidemic diseases numbered 173, and equalled a death-rate of 0·9 per thousand. These deaths collectively number 131 fewer than in the previous month, and 195 fewer than the mean of the numbers of the three preceding months, but 11 more than in June of last year. This rate is 0·6 less than that of the previous month, and 0·9 less than the mean of those of the three preceding months, but is 0·1 more than that of June of last year. These deaths include 36 from measles, 19 from scarlet fever, 71 from whooping-cough, 21 from diphtheria, and 26 from the diarrhœas of childhood. As in the previous month no deaths were attributed to enteric fever. Compared with the numbers in May, deaths from measles are 83 fewer, from whooping-cough 27 fewer, from diphtheria 8 fewer, from the diarrhœas of childhood 8 fewer, and from scarlet fever 5 fewer.

Deaths from influenza in all numbered 28. In April these deaths numbered 153 and in May 43.

Deaths from encephalitis lethargica numbered 22. This number is 2 less than in May, but 18 more than in April. Of these 22 deaths, 12 were registered in Glasgow and 5 in Edinburgh.

Deaths from respiratory diseases, other than phthisis, but exclusive of those associated with influenza, numbered 374. This number is 64 fewer than in the previous month, 513 fewer than the mean of the numbers of the three preceding months, and 5 fewer than in June of last year. These deaths included 230 from pneumonia and 114 from bronchitis, the former number being 31, and the latter 22 less than in the previous month.

Deaths from all forms of tuberculous disease numbered 268, of which 191 were ascribed to tuberculosis of the respiratory system. The former number is 40 less than that of the previous month, 54 less than the mean of those of the three preceding months, and 5 less than that of June of last year. The latter number is 17 less than that of the previous month, 20 less than the mean of those of the three preceding months, and 5 less than that of June of last year.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

JUNE 1924.

Mean barometric pressure, 29·904 in.; less than the average of 1881–1915 by 0·065 in.

Mean temperature, 54°·2; less by 1°·1.

Mean daily range of temperature, 13°·4; less by 2°·0.

Rain, depth in inches, 2·13; less by 0·10 in.

Wind, direction of: a 3 days' excess of south-westerly winds.

With pressure high over the Icelandic area, fair conditions prevailed in Scotland during the first four days; but on 5th low-pressure systems began to spread in from the Atlantic. Around the middle of the month a high-pressure area covered Great Britain; but on 17th distribution became very irregular, developing during the last week into a definite south-westerly cyclonic type.

Very cold weather at first (26° at Braemar on 4th) was followed towards the end of the second week by a rise of temperature, with highest readings very generally on 17th or 18th (76° at Ruthwell and 75° at Gordon Castle). Thereafter conditions were rather variable, with temperature high on night of 25th to 26th and low on 28th. As in May, the mean night temperature was practically equal to the normal; the days were decidedly cold; and the low mean daily range was a striking feature. By the end of the month the temperature of the soil had reached the normal at a depth of 1 foot, but at lower depths it still remained decidedly deficient.

Towards the north-west rainfall was decidedly above the normal; but elsewhere the distribution was rather irregular, with a definite shortage in the south and a moderate deficiency in parts of Perthshire and some eastern districts. After fine weather from 1st to 4th the period from 5th to 12th was wet or moderately so in nearly all districts, with rather heavy falls in east on 11th and 12th accounting for a large part of the aggregate. From 13th onwards rain was almost unimportant in eastern districts, except on 21st and 28th; whilst from 25th onwards very unsettled conditions prevailed towards the north-west with some heavy falls on 25th and 28th.

Thunderstorms were frequent, though less so than in May. The most widespread were experienced on 11th and 21st, and there were others over more restricted areas on 4th, 6th, 10th, 13th, 17th (in the Forth area), 18th, 19th, 20th, 22nd, and 25th (at Edinburgh at 11.30 p.m.).

The month was again very cloudy except in eastern and south-eastern districts where some very sunny days brought aggregates fully up to the normal.

Note.—The mean values refer to those of the Principal Towns named in meteorological table on p. 48.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES in the Principal Towns, JUNE 1924.

TOWNS.	POPULATION.		BIRTHS.					MARRIAGES.	DEATHS.					
									REGISTERED			TRANSFERS		
	Census 1921.	Estimated to middle of 1924.	Males.	Females.	Total.	Legitimate.	Illegitimate.		Males.	Females.	Total.	Out.	In.	Total Corrected.
GLASGOW,	1,034,174	1,051,000	1166	1105	2271	2128	143	979	616	556	1172	97	71	1146
EDINBURGH,	420,264	427,500	401	339	740	690	50	458	223	255	478	53	14	439
DUNDEE,	168,315	169,600	158	169	327	305	22	161	86	90	176	4	6	178
ABERDEEN,	158,963	159,900	164	160	324	295	29	185	97	103	200	24	13	189
PAISLEY,	84,837	86,700	64	68	132	129	3	65	45	42	87	9	2	80
GREENOCK,	81,123	81,700	85	97	182	175	7	66	47	49	96	4	2	94
MOTHERWELL AND WISHAW,	68,869	70,300	95	70	165	158	7	61	30	32	62	1	10	71
CLYDEBANK,	46,506	46,700	32	40	72	70	2	18	11	9	20	0	6	26
COATBRIDGE,	43,9 9	45,500	48	45	93	88	5	22	24	25	49	2	2	49
DUNFERMLINE,	39,899	41,200	38	33	71	67	4	29	21	23	44	13	3	34
KIRKCALDY,	39,591	40,200	43	27	70	65	5	39	18	22	40	3	3	40
HAMILTON,	39,420	41,000	37	41	78	77	1	33	14	17	31	1	3	33
KILMARNOCK,	35,911	36,800	38	31	69	66	3	35	19	15	34	1	7	40
AYR,	35 763	36,300	34	38	72	70	2	41	15	24	39	7	7	39
FALKIRK,	33,308	34,400	35	26	61	59	2	23	17	11	28	5	2	25
PERTH,	33,208	33,200	30	22	52	44	8	39	20	24	44	11	1	34
TOTAL (SIXTEEN TOWNS)	2,364,060	2,402,000	2468	2311	4779	4486	293	2254	1303	1297	2600	235	152	2517

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES in the Principal Towns, JUNE 1924.

TOWNS.	Birth-Rate per 1000 of Population.	Illegitimate Birth-Rate per 100 Births.	Marriage-Rate per 1000 of Population.	DEATH-RATES PER 1000 of POPULATION FROM						DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		Principal Epidemic Diseases.	All Tuberculosis.	Tuberc. of Respiratory System.	All Respiratory Diseases.	Number.	* Rate per 1000 Births.
				Registered.	Corr. for Transfers.						
GLASGOW,	26·4	6·3	11·4	13·6	13·3	1·0	1·5	1·1	2·4	174	80
EDINBURGH,	21·1	6·8	13·1	13·6	12·5	0·6	1·5	1·0	1·6	49	68
DUNDEE,	23 5	6 7	11·6	12·7	12 8	0·8	1·3	0·9	1·8	25	75
ABERDEEN,	24·7	9·0	14·1	15·3	14·4	1·1	1·5	0·9	1·5	43	140
PAISLEY,	18·6	2·3	9·1	12·2	11·3	1·0	0·8	0·7	1·3	9	57
GREENOCK,	27·2	3·8	9·9	14·3	14·0	1 0	1·0	0·9	1·2	19	109
MOTHERWELL AND WISHAW,	28 6	4·2	10 6	10·8	12·3	0·7	0·7	0·2	2·3	11	74
CLYDEBANK,	18·8	2·8	4·7	5·2	6·8	0·8	0·5	0 3	1 3	2	23
COATBRIDGE,	24 9	5·4	5·9	13·1	13·1	1·3	1·1	0·8	2·1	5	53
DUNFERMLINE	21·0	5·6	8·6	13·0	10 1	0·3	0 6	0·3	0·3	2	29
KIRKCALDY,	21·3	7·1	11 8	12·2	12·2	0·3	0·6	0·3	1·5	5	71
HAMILTON,	23 2	1·3	9 8	9·2	9·8	1·2	2·1	0 6	1·2	5	58
KILMARNOCK,	22·9	4·3	11 6	11 3	13·3	0·7	2·3	1·7	1·7	7	108
AYR,	24·2	2·8	13·8	13·1	13·1	1·0	0·3	0·3	2·0	5	71
FALKIRK,	21·6	3·3	8·2	9 9	8·9	0·7	1 8	1·4	1·4	0	0
PERTH,	19·1	15·4	14 3	16·2	12·5	1·5	1·5	1·5	1·1	3	55
TOTAL (SIXTEEN TOWNS)	24·3	6·1	11·4	13·2	12·8	0·9	1·4	1 0	1·9	364	78

* Based on the average number of births registered monthly during the past 12 months.

TABLE III.—BIRTH-RATE, DEATH-RATE, ETC. FOR JUNE 1924, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

Month.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM							*Infantile Mortality Rate.	Mean Temperature. (Seven Towns only.)
					Enteric Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Diarrhœa (Under 2 Years).		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
JUNE 1924,	**24·3**	**6·1**	**11·4**	**12·8**	**0**	**0**	**36**	**19**	**71**	**21**	**26**	**78**	**54°·2**
JUNE 1923,	24·8	6·1	11·7	12·8	1	0	52	17	45	19	28	80	54°·0
JUNE 1922,	26·6	7·1	11·6	12·8	2	0	121	4	48	15	47	75	54°·3
JUNE 1921,	29·5	7·5	13·0	12·6	4	0	5	9	96	15	37	76	56°·5
JUNE 1920,	30·7	9·5	16·6	13·2	2	19	49	8	23	24	54	86	55°·6
JUNE 1919,	21·9	9·3	16·7	12·1	1	0	75	5	69	11	24	88	55°·4
JUNE 1918,	20·8	9·5	10·4	11·4	3	0	69	5	60	25	31	81	54°·9
JUNE 1917,	22·2	8·6	10·1	14·8	1	0	204	6	201	20	34	99	55°·5
JUNE 1916,	25·6	7·6	10·3	13·3	6	0	90	24	29	28	44	82	52°·8
JUNE 1915,	25·6	6·9	14·6	17·3	1	0	356	38	113	23	64	117	55°·8
JUNE 1914,	30·0	7·5	14·2	15·3	6	0	60	24	74	22	61	109	56°·8

Figures in Columns 5–13 have been corrected for non-resident deaths.
* Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS—June 1924.

CAUSES OF DEATH.	Total.	Males.	Females.	Age.											
				-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85 & over.
Enteric Fever	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Typhus Fever	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Small-pox	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Measles	36	14	22	10	26	–	–	–	–	–	–	–	–	–	–
Scarlet Fever	19	9	10	–	12	6	–	–	1	–	–	–	–	–	–
Whooping-cough	71	28	43	22	46	3	–	–	–	–	–	–	–	–	–
Diphtheria	21	13	8	1	16	3	1	–	–	–	–	–	–	–	–
Influenza	28	15	13	2	–	–	–	1	1	5	2	6	6	5	–
Encephalitis Lethargica	22	13	9	–	3	2	3	5	4	3	1	–	1	–	–
Cerebro-spinal Meningitis	11	6	5	3	3	2	1	2	–	–	–	–	–	–	–
Other Epidemic Diseases	6	4	2	1	2	1	–	1	–	–	1	–	–	–	–
Tuberculosis of Respiratory System	191	104	87	1	7	2	6	51	37	40	33	10	4	–	–
Tuberculous Meningitis	34	16	18	5	22	4	–	1	–	–	1	–	1	–	–
Tuberculosis of Intestines and Peritoneum	17	6	11	–	8	1	1	4	1		1	–	1	–	–
Other Tuberculous Disease	26	13	13	–	6	4	1	5	1	4	1	2	1	1	–
Malignant Tumours	246	103	143	–	–	1	–	–	10	13	45	70	66	39	2
Rheumatic Fever	5	2	3	–	–	1	–	–	1	2	1	–	–	–	–
Meningitis (not Cer.-spin. or Tuberc.)	10	3	7	1	6	3	–	–	–	–	–	–	–	–	–
Apoplexy	208	92	116	–	–	–	–	1	–	4	25	50	80	43	5
Heart Disease	264	127	137	1	3	2	4	9	8	18	35	53	72	53	6
Diseases of Arteries	30	14	16	–	–	–	–	–	–	1	3	3	10	9	4
Bronchitis	114	59	55	11	4	–	–	1	2	5	16	32	23	18	2
Pneumonia (all forms)	230	130	100	37	58	5	4	9	8	23	19	29	24	13	1
Other Diseases of Respiratory System	30	18	12	1	4	1	2	1	1	1	3	4	4	8	–
Diarrhœa and Enteritis (under 2 years)	26	16	10	23	3	–	–	–	–	–	–	–	–	–	–
Appendicitis	15	7	8	–	2	1	1	4	2	1	1	3	–	–	–
All Diseases of Liver (not Malignant)	15	6	9	–	–	–	–	–	1	–	3	6	4	1	–
Nephritis, Acute and Chronic	59	27	32	2	1	–	1	–	5	1	14	10	18	4	3
Puerperal Sepsis	7	–	7	–	–	–	–	–	4	3	–	–	–	–	–
Other Dis. & Accidents of Preg. & Part.	21	–	21	–	–	–	–	3	10	8	–	–	–	–	–
Diseases of Early Infancy and Malform.	198	128	70	198	–	–	–	–	–	–	–	–	–	–	–
Suicide	12	9	3	–	–	–	–	–	–	5	2	4	1	–	–
Other Violent Deaths	76	50	26	5	6	4	3	6	5	7	13	11	8	7	1
Other Defined Diseases	426	201	225	35	28	13	8	7	23	31	43	52	74	87	25
Causes Ill-defined or Unknown	43	21	22	5	2	–	1	1	5	1	5	6	12	3	2
	2517	1254	1263	364	268	59	37	112	130	176	268	351	410	291	51

DEATHS IN EACH TOWN (corrected for Transfers)– June 1924.

CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
Enteric Fever	...	...	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...	...
Measles	36	11	5	...	8	...	3	2	...
Scarlet Fever	19	8	6	3	...	...	...	...	...
Whooping-cough	71	40	5	3	3	5	2	2	3
Diphtheria	21	10	3	4	1	2	1	...	...
Influenza	28	18	6	1	1	...	...	...	...
Encephalitis Lethargica	22	12	5	...	1	...	1	...	1
Cerebro-spinal Meningitis	11	7	3	...	...	...	...	...	...
Other Epidemic Diseases	6	5	...	...	...	...	...	...	...
Tuberculosis of Respiratory System ...	191	98	35	12	12	5	6	1	1
Tuberculous Meningitis	34	15	7	3	5	...	...	1	1
Tuber. of Intestines and Peritoneum	17	5	4	1	...	1	1	...	...
Other Tuberculous Disease	26	10	5	2	3	...	...	2	...
Malignant Tumours	246	94	58	22	14	11	6	6	2
Rheumatic Fever	5	...	3	...	...	...	...	...	...
Meningitis (not Cerebro-spinal or Tuber.)	10	2	1	...	...	2	1	1	...
Apoplexy	208	81	39	14	21	9	9	6	3
Heart Disease	264	105	51	30	19	10	9	7	2
Diseases of Arteries	30	5	10	1	5	2	2	...	...
Bronchitis	114	65	12	5	5	3	2	5	1
Pneumonia (all forms)	230	128	32	19	11	5	6	8	3
Other Diseases of Respiratory System	30	10	11	1	4	1	...	...	1
Diarrhœa and Enteritis (under 2 years)	26	14	2	1	3	...	1	...	...
Appendicitis	15	8	4	...	1	...	1	...	...
All Diseases of Liver (not Malignant)	15	10	2	...	1	...	...	...	1
Nephritis, Acute and Chronic ...	59	28	6	5	6	2	2	2	...
Puerperal Sepsis	7	5	...	1	...	...	...	...	...
Other Diseases and Accidents of Pregnancy and Parturition	21	11	...	...	...	2	1	3	1
Dis. of Early Infancy and Malformations	198	90	29	13	27	6	10	6	...
Suicide	12	4	3	...	2	...	1	...	...
Other Violent Deaths	76	36	14	8	7	1	2	2	1
Other Defined Diseases	426	192	75	27	26	12	23	16	4
Causes Ill-defined or Unknown ...	43	19	3	2	3	1	4	1	1
All Causes ...	2517	1146	439	178	189	80	94	71	26
AGE AT DEATH.									
Under 1	364	174	49	25	43	9	19	11	2
1– 4	268	121	38	15	20	9	9	14	2
5– 9	59	25	12	3	3	1	3	...	2
10–14	37	17	4	2	5	...	2	2	...
15–24	112	64	14	4	7	4	6	3	1
25–34	130	72	17	6	10	4	5	3	...
35–44	176	96	33	11	9	5	3	4	6
45–54	268	117	46	22	18	11	11	5	2
55–64	351	165	56	28	15	15	11	7	7
65–74	410	180	82	33	31	11	12	9	1
75–84	291	97	77	25	22	10	12	12	3
85 and over	51	18	11	4	6	1	1	1	...
All Ages ...	2517	1146	439	178	189	80	94	71	26

DEATHS IN EACH TOWN (corrected for Transfers)—June 1924—*continued.*

CAUSES OF DEATH.	Coatbridge.	Dunfermline.	Kirkcaldy.	Hamilton.	Kilmarnock.	Ayr.	Falkirk.	Perth.
Enteric Fever	...	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...
Measles	1	...	...	...	1	2	...	3
Scarlet Fever	2	...	...	...	...	...	...	...
Whooping-cough	1	1	1	2	...	...	2	1
Diphtheria	...	...	...	...	...	...	...	...
Influenza...	...	...	1	...	1	...	...	...
Encephalitis Lethargica	...	1	...	1	...	...	...	...
Cerebro-spinal Meningitis	...	...	...	1	...	...	...	...
Other Epidemic Diseases	1	...	...	...	...	...	...	...
Tuberculosis of Respiratory System ...	3	1	1	2	5	1	4	4
Tuberculous Meningitis	...	...	...	2	...	...	...	...
Tuber. of Intestines and Peritoneum ...	...	1	...	2	1	...	1	...
Other Tuberculous Disease	1	...	1	1	1	...	...	...
Malignant Tumours	3	7	7	3	3	3	3	4
Rheumatic Fever	...	2	...	...	...	...	...	...
Meningitis (not Cerebro-spinal or Tuber.)	1	1	...	...	...	1	...	...
Apoplexy	3	2	3	5	5	4	4	...
Heart Disease	6	4	3	1	3	7	3	4
Diseases of Arteries	...	1	1	...	...	...	1	2
Bronchitis	3	1	3	2	2	2	1	2
Pneumonia (all forms)	5	...	2	2	1	4	3	1
Other Diseases of Respiratory System	...	...	...	...	2	...	...	...
Diarrhœa and Enteritis (under 2 years)	1	...	...	2	1	1	...	...
Appendicitis	1	...	...	...	...	...	...	...
All Diseases of Liver (not Malignant)	...	...	...	...	...	1	...	...
Nephritis, Acute and Chronic... ...	2	1	1	...	2	1	...	1
Puerperal Sepsis	...	..	...	1	...	...	...	...
Other Diseases and Accidents of Pregnancy and Parturition	...	...	1	1	...	...	1	...
Dis. of Early Infancy and Malformations	4	...	2	2	5	2	...	2
Suicide	1	...	...	...	1	...	...	...
Other Violent Deaths	...	2	...	...	1	...	...	2
Other Defined Diseases	8	8	11	3	5	7	2	7
Causes Ill-defined or Unknown ...	2	1	2	...	...	3	...	1
All Causes ...	49	34	40	33	40	39	25	34
AGE AT DEATH.								
Under 1	5	2	5	5	7	5	...	3
1– 4	13	2	1	5	5	5	6	3
5– 9	1	1	1	3	1	1	1	1
10–14	...	2	...	1	1	...	1	...
15–24	2	3	1	...	...	2	...	1
25–34	2	...	4	3	1	1	2	...
35–44	2	2	...	...	2	...	1	2
45–54	5	6	8	4	6	1	3	3
55–64	5	5	4	5	5	7	8	8
65–74	9	3	9	2	7	14	2	5
75–84	4	6	6	4	5	1	1	6
85 and over	1	2	1	1	...	2	...	2
All Ages ...	49	34	40	33	40	39	25	34

ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Made at RENFREW (for GLASGOW), EDINBURGH, DUNDEE, ABERDEEN, PAISLEY, GREENOCK, and PERTH, During the Month of JUNE 1924.

OBSERVERS.	Height of Station above Sea-level.	BAROMETER. Mean at Station and 32°.	BAROMETER. Mean at Sea-Level and 32°.	AIR TEMPERATURE. Mean of Maximum (A).	AIR TEMPERATURE. Mean of Minimum (B).	AIR TEMPERATURE. Mean of A and B (Mean Temperature).	AIR TEMPERATURE. Difference from Average, 1881–1915.	AIR TEMPERATURE. Absolute Maximum.	AIR TEMPERATURE. Day of Month.	AIR TEMPERATURE. Absolute Minimum.	AIR TEMPERATURE. Day of Month.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Dry Bulb.	HYGROMETER. Depression of Wet Bulb.	HYGROMETER. Vapour Pressure.	HYGROMETER. Humidity.	RAIN, AND OTHER FORMS OF PRECIPITATION. Number of Days.	RAIN. Total Fall.	RAIN. Difference from Average, 1881–1915.	WIND DIRECTIONS. Number of Observations at 9 A.M. and 9 P.M. N	NE	E	SE	S	SW	W	NW	Calm or Variable.
	feet.	inch.	inch.	°	°	°	°	°		°		°	°	inch.	per cent.		inch.	inch.									
RENFREW,* The Meteorological Office.	40	29·860	29·904	60·9	46·3	53·6	−2·2	66	7, 18	32	4th	54·5	2·2	·362	85	18	1·60	−0·92	0	5	6	3	4	15	13	3	11
EDINBURGH, Professor R. A. SAMPSON, F.R.S., Royal Observatory.	441	29·440	29·916	60·3	47·7	54·0	0·0	70	18th	38	4th	53·4	3·2	·322	79	16	1·77	−0·08	2	7	6	2	3	17	11	5	7
DUNDEE, A. MACRAE, Curator of Cemeteries.	164	29·726	29·905	61·5	47·2	54·4	−1·0	69	14th	36	2nd	53·5	2·2	·348	85	17	2·17	+0·37	0	7	0	20	0	21	0	12	0
ABERDEEN,* The Meteorological Office.	90	29·792	29·893	58·3	46·6	52·5	−1·0	67	26, 29	36	3rd	53·0	3·0	·322	80	19	1·76	+0·05	6	3	2	9	14	6	6	10	4
PAISLEY, The Coats Observatory.	107	29·787	29·904	62·3	48·4	55·4	−1·9	70	18th	38	3, 4	55·2	3·6	·337	78	18	2·05	−0·43	2	5	6	3	5	18	10	6	5
GREENOCK,† J. MACALISTER, A.M.Inst., C.E., Greenock Waterworks.	233	29·652	29·907	60·2	48·8	54·5	−1·0	67	18th	40	3rd	54·2	3·5	·325	77	22	3·27	−0·03	1	3	14	2	6	17	15	2	0
PERTH,† J. RITCHIE, Jr., The Museum.	22	29·878	29·902	62·0	47·5	55·3	−0·4	71	18th	37	14th	55·7	3·7	·343	77	10	2·29	+0·32	3	10	2	6	9	21	2	7	0
Means	157	29·734	29·904	60·9	47·5	54·2	−1·1	..	..	..	..	54·2	3·1	·337	80	17	2·13	−0·10	2	6	5	7	6	16	8	6	4

North Latitude.—Glasgow, 55° 51′; Edinburgh, 55° 55′; Dundee, 56° 28′; Aberdeen, 57° 9′; Paisley 55° 51′; Leith, 55° 58′ Greenock, 55° 57′; Perth, 56° 23′; Mean, 56° 11′.
West Longitude.—Glasgow, 4° 13′; Edinburgh, 3° 11′; Dundee, 2° 57′; Aberdeen, 2° 7′; Paisley, 4° 27′; Leith, 3° 8′; Greenock, 4° 46′; Perth, 3° 25′; Mean, 3° 32′.

* At 7 A.M. and 6 P.M. † At 9 A.M. only.

EDINBURGH: PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE.
To be purchased directly from H.M. STATIONERY OFFICE at the following addresses:
120, George Street, Edinburgh; Imperial House, Kingsway, London, W.C. 2; 28, Abingdon Street, London, S.W. 1;
York Street, Manchester; or 1, St. Andrew's Crescent, Cardiff;
or through any Bookseller.
Printed under the authority of HIS MAJESTY'S STATIONERY OFFICE
By J. Skinner & Co., Ltd., 27 Thistle Street, Edinburgh.
Price 6d. net.
(4409.) Wt. 10/15 1150. 7/24. J. S. & Co., Ltd. Group 4/16

FOR OFFICIAL USE.

MONTHLY RETURN

OF THE

BIRTHS, DEATHS, AND MARRIAGES

IN SIXTEEN OF THE PRINCIPAL TOWNS OF

SCOTLAND.

JULY 1924.

Published by Authority of the Registrar-General.

REPORT.

During the month of July 1924 there were registered in the Sixteen Principal Towns of Scotland, those burghs which at the date of the 1921 Census had populations of over 30,000, the births of 4636 living children, of whom 2406 were males and 2230 were females. Compared with the number in the previous month that of male children is 62 fewer, of female children 81 fewer, and of children of both sexes 143 fewer. Compared with the mean of the numbers of the three preceding months, that of males is 81 fewer, of females 93 fewer, and of children of both sexes 164 fewer. Compared with the number in July of last year that of males is 62 fewer, of females 232 fewer, and of children of both sexes 294 fewer.

The monthly birth-rate in these burghs taken collectively was 22·8 per thousand. This rate is 1·5 less than that of the previous month, 1·4 less than the mean of those of the three preceding months, and 1·4 less than that of July of last year. In the individual towns the birth-rate ranged from 25·9 in Hamilton, 25·0 in Motherwell and Wishaw, 23·9 in Glasgow, and 23·7 in Greenock, to 17·3 in Kirkcaldy, 17·9 in Clydebank, and 18·9 in Dunfermline. In Coatbridge the birth-rate was 22·6, in Edinburgh 22·5, in Dundee 22·5, in Aberdeen 22·0, in Falkirk 22·0, in Kilmarnock 21·2, in Ayr 19·8, in Perth 19·6, and in Paisley 19·2.

Of the 4636 children registered in these towns during the month 4335, or 93·5 per cent., were legitimate, while 301, or 6·5 per cent., were illegitimate. The legitimate children of the month number 151 less than in the previous month, 170 less than the mean of the numbers of the three preceding months, and 237 less than in July of last year. The illegitimate children of the month numbered 8 more than in the previous month, but 4 less than the mean of the numbers of the three preceding months, and 57 less than in July of last year. The illegitimate rate is 0·4 more than that of the previous month, and 0·2 more than the mean of those of the three preceding months, but is 0·8 less than that of July of last year. In the individual towns the illegitimate rate of the month varied from 9·6 per cent. in Edinburgh, 7·4 in Dundee, 6·8 in Glasgow, and 5·7 in Aberdeen, to 1·5 in Dunfermline, 2·4 in Greenock, and 2·8 in Paisley. In Perth this rate was 5·5, in Motherwell and Wishaw 4·7, in Kilmarnock 4·5, in Hamilton 4·4, in Clydebank 4·2, in Coatbridge 3·4, in Kirkcaldy 3·4, in Ayr 3·3, and in Falkirk 3·1.

Marriages registered in these towns during the month numbered 2517. This number is 263 more than in the previous month, and 965 more than the mean of those of the three preceding months, but is 267 less than that of July of last year. The monthly marriage-rate was 12·4 per thousand. This rate is 1·0 more than that of the previous month, and 4·6 more than the mean of those of the three preceding months, but is 1·3 less than that of July of last year. In the individual towns this rate varied from 16·1 in Dundee, 15·1 in Falkirk, 14·5 in Edinburgh, and 14·1 in Kirkcaldy, to 6·1 in Kilmarnock, 7·1 in Ayr, 8·0 in

Greenock, and 8·1 in Hamilton. In Coatbridge this rate was 12·7, in Glasgow 12·4, in Aberdeen 11·6, in Perth 10·7, in Paisley 10·3, in Motherwell and Wishaw 9·9, in Dunfermline 9·2, and in Clydebank 9·1.

Deaths registered in these towns during the month numbered 2490, 1302 being of males, and 1188 of females. This number includes those of 295 persons with usual residence outwith the town of registration, but excludes those of 195 persons who, though dying elsewhere in Scotland, had usual residence in one or other of these towns, and the difference, 100, falls to be deducted to get the corrected number for the month, which is thus found to be 2390. This corrected number includes the deaths of 1256 males and 1134 females.

The monthly death-rate, based on the corrected number of deaths, is 11·7 per thousand. This rate is 1·1 less than that of the previous month, and 3·2 less than the mean of those of the three preceding months, but is 0·4 more than that of July of last year. In the individual towns the monthly death-rate varied from 14·7 in Paisley, 14·3 in Coatbridge, and 13·5 in Kilmarnock, to 7·7 in Dunfermline, 9·6 in Motherwell and Wishaw and in Clydebank, and 10·0 in Kirkcaldy. In Dundee it was 13·1, in Hamilton 12·7, in Glasgow 11·8, in Ayr 11·7, in Edinburgh 11·6, in Greenock 11·4, in Aberdeen 10·9, in Perth 10·7, and in Falkirk 10·6.

Deaths of children of less than one year old numbered 313. These deaths are 51 fewer than in the previous month, 163 fewer than the mean of the numbers of the three preceding months, and 12 fewer than in July of last year. These deaths equal an infantile mortality rate of 65 per thousand of the average number of births registered monthly in these towns during the preceding twelve months. This rate is 13 less than that of the previous month, and 36 less than the mean of those of the three preceding months, but is the same as in July of last year. In the individual towns the monthly infantile mortality rate varied from 119 in Paisley, 79 in Greenock, 76 in Aberdeen, and 74 in Glasgow, to 14 in Dunfermline, 29 in Ayr, and 34 in Clydebank. In Motherwell and Wishaw this rate was 65, in Coatbridge 63, in Kirkcaldy 56, in Perth 54, in Dundee 50, in Edinburgh 48, in Hamilton 45, in Kilmarnock 45, and in Falkirk 44.

Deaths from the principal epidemic diseases numbered 156, and equalled a death-rate of 0·8 per thousand. These deaths collectively number 17 fewer than in the previous month, and 125 fewer than the mean of the numbers of the three preceding months, but 18 more than in July of last year. This death-rate is 0·1 less than that of the previous month, and 0·6 less than the mean of those of the three preceding months, but is 0·1 more than that of July of last year. These deaths include 1 from enteric fever, 25 from measles, 15 from scarlet fever, 52 from whooping-cough, 21 from diphtheria, and 42 from the diarrhœas of childhood. Compared with the numbers in the previous month, deaths from whooping-cough are 19 fewer, from measles 11 fewer, and from scarlet fever 4 fewer, while those from diphtheria are of the same number, from enteric fever 1 more, and from the diarrhœas of childhood 16 more.

Deaths from influenza numbered 17. In May these deaths numbered 43, and in June 28.

Deaths from encephalitis lethargica numbered 10. This number is 12 less than in June, and 14 less than in May, but is 6 more than in April.

Deaths from respiratory diseases, other than phthisis, but exclusive of those associated with influenza, numbered 294. This number is 80 less than that of the previous month, and 235 less than the mean of those of the three preceding months, but is 16 more than that of July of last year. These deaths include 189 from pneumonia, and 75 from bronchitis, the former being 41, and the latter 39 fewer than in the previous month.

Deaths from all forms of tuberculous disease numbered 248, of which 155 were attributed to tuberculosis of the respiratory system. The former number is 20 less than that of the previous month, 49 less than the mean of those of the three preceding months, and 6 less than that of July of last year. The latter number is 36 less than that of the previous month, 56 less than the mean of those of the three preceding months, and 8 less than that of July of last year.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

JULY 1924.

Mean barometric pressure, 29·750 in.; less than the average of 1881–1915 by 0·150 in.

Mean temperature, 57°·4; less by 0°·5.

Mean daily range of temperature, 12°·3; less by 2°·0.

Rain, depth in inches, 4·25; greater by 1·26 in.

Wind, direction of: a 6 days' excess of south-westerly winds.

Early in the month an extremely deep "low" with its centre off the west of Scotland moved on a north-easterly track, and during the first week or so conditions were very unsettled. On 9th a high pressure system over the Bay of Biscay had spread north-eastwards over England and France and finer weather became general, broken by thunderstorms in Scotland on 12th and 13th. From 17th onwards the general pressure distribution was of a westerly to south-westerly type, with secondary depressions crossing Southern England. The mean pressure for the month was the lowest recorded in Scotland in July since 1888, and at Edinburgh a pressure of 29·090 in. (at mean sea-level) on the evening of 3rd was the lowest recorded in July since 1882.

After cool conditions until 8th or so, there was a decided rise of temperature to a maximum around 12th (81° at Fort Augustus and 80° at Nairn, Kelso, and Dumfries) and the weather remained moderately warm for about a week. There was then a reversion to a cold and unsettled type, with minimum readings on night of 26th–27th (37° at Eskdalemuir and Wolfelee). As in May and June, the frequent coldness of the days and the low mean daily range were striking features of the month. The temperature of the soil remained deficient.

Except in the south of Ayrshire rainfall was above the normal with a considerable excess in many districts. Rain was more or less general from 1st to 3rd, from 5th to 7th, and again on 10th. On 12th some very heavy falls during a short period were experienced in a widespread thunderstorm, with similar falls here and there on 13th. After fair to fine weather from 18th to 22nd, conditions were very unsettled from 23rd to 25th, and, chiefly in eastern districts, from 28th onwards. At Aberdeen the aggregate of 5·38 in. was almost twice the normal, and the only wetter July in a record going back to 1866 has been that of 1918 (5·92 in.).

For the third month in succession thunderstorms were frequent, occurring over limited or wide areas on as many as 16 days. That of the 12th, in late afternoon or early evening, was of unusual severity, and was experienced over the greater part of Scotland. On 13th another fairly widespread storm occurred, and there were other more restricted and less important storms on 4th, 6th, 7th, 9th, 11th, on every day from 15th to 20th, on 24th, 25th and 30th.

The month was decidedly cloudy in all except north-western districts.

Note.—The mean values refer to those of the Principal Towns named in meteorological table on p. 56

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES in the Principal Towns, July 1924.

TOWNS.	POPULATION.		BIRTHS.					MARRIAGES.	DEATHS.					
									REGISTERED			TRANSFERS		
	Census 1921.	Estimated to middle of 1924.	Males.	Females.	Total.	Legitimate.	Illegitimate.		Males.	Females.	Total.	Out.	In.	Total Corrected.
GLASGOW,	1,034,174	1,051,000	1101	1028	2129	1985	144	1107	562	529	1091	130	93	1054
EDINBURGH,	420,264	427,500	423	390	813	735	78	524	248	223	471	66	15	420
DUNDEE,	168,315	169,600	170	153	323	299	24	231	106	88	194	12	6	188
ABERDEEN,	158,963	159,900	158	140	298	281	17	157	78	88	166	34	15	147
PAISLEY,	84,837	86,700	71	70	141	137	4	76	59	51	110	8	6	108
GREENOCK,	81,123	81,700	77	87	164	160	4	55	37	43	80	3	2	79
MOTHERWELL AND WISHAW,	68,869	70,300	79	70	149	142	7	59	32	19	51	1	7	57
CLYDEBANK,	46,506	46,700	40	31	71	68	3	36	11	8	19	0	19	38
COATBRIDGE,	43,909	45,500	56	31	87	84	3	49	36	12	48	1	8	55
DUNFERMLINE,	39,899	41,200	33	33	66	65	1	32	16	17	33	7	1	27
KIRKCALDY,	39,591	40,200	32	27	59	57	2	48	22	15	37	5	2	34
HAMILTON,	39,420	41,000	40	50	90	86	4	23	14	21	35	1	10	44
KILMARNOCK,	35,911	36,800	35	31	66	63	3	19	19	26	45	7	4	42
AYR,	35,763	36,300	29	32	61	59	2	22	19	20	39	6	3	36
FALKIRK,	33,308	34,400	30	34	64	62	2	44	25	10	35	5	1	31
PERTH,	33,208	33,200	32	23	55	52	3	30	18	18	36	9	3	30
TOTAL (SIXTEEN TOWNS)	2,364,060	2,402,000	2406	2230	4636	4335	301	2517	1302	1188	2490	295	195	2390

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES in the Principal Towns, July 1924.

TOWNS.	Birth-Rate per 1000 of Population.	Illegitimate Birth-Rate per 100 Births.	Marriage-Rate per 1000 of Population.	DEATH-RATES PER 1000 of POPULATION FROM						DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		Principal Epidemic Diseases.	All Tuberculosis.	Tuberc. of Respiratory System.	All Respiratory Diseases.	Number.	* Rate per 1000 Births.
				Registered.	Corr. for Transfers.						
GLASGOW,	23·9	6·8	12·4	12·3	11·8	0·9	1·2	0·8	1·7	164	74
EDINBURGH,	22·5	9·6	14 5	13·0	11·6	0·8	1·0	0·6	1·5	36	48
DUNDEE,	22·5	7·4	16·1	13 5	13·1	0·9	1·0	0·7	1·5	17	50
ABERDEEN,	22·0	5·7	11·6	12·3	10 9	0·9	1·0	0·7	1·0	24	76
PAISLEY,	19·2	2·8	10 3	15·0	14·7	1·0	1·4	0·7	0·8	19	119
GREENOCK,	23·7	2·4	8·0	11·6	11·4	1·0	1·6	0·9	0·7	14	79
MOTHERWELL AND WISHAW,	25·0	4·7	9·9	8·6	9·6	0·2	1·3	1·0	1·7	10	65
CLYDEBANK,	17·9	4·2	9·1	4·8	9·6	0·0	1·5	1·3	1 3	3	34
COATBRIDGE,	22·6	3·4	12·7	12·4	14·3	1·0	1·6	0·8	2·1	6	63
DUNFERMLINE,	18·9	1·5	9·2	9·5	7·7	0·0	0·9	0·0	0·9	1	14
KIRKCALDY,	17·3	3·4	14·1	10·9	10·0	0·3	0·9	0·9	0 9	4	56
HAMILTON,	25·9	4·4	8·1	10·1	12·7	0·3	2·0	1·4	1·4	4	45
KILMARNOCK,	21·2	4·5	6·1	14·4	13·5	1·3	1 9	1·0	1·3	3	45
AYR,	19 8	3·3	7·1	12·7	11·7	0·3	1·3	1·0	1·9	2	29
FALKIRK,	22·0	3·1	15·1	12·0	10·6	0·3	2·1	1·0	0·0	3	44
PERTH,	19·6	5·5	10·7	12·8	10·7	0·0	1·4	0·7	0·7	3	54
TOTAL (SIXTEEN TOWNS)	22·8	6·5	12·4	12·2	11·7	0·8	1·2	0·8	1·4	313	65

* Based on the average number of births registered monthly during the past 12 months.

TABLE III.—BIRTH-RATE, DEATH-RATE, ETC. FOR JULY 1924, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

Month.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM							*Infantile Mortality Rate.	Mean Temperature. (Seven Towns only.)
					Enteric Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Diarrhœa (Under 2 Years).		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
JULY 1924, .	**22·8**	**6·5**	**12·4**	**11·7**	**1**	**0**	**25**	**15**	**52**	**21**	**42**	**65**	**57°·4**
JULY 1923, .	24·2	7·3	13·7	11·3	2	0	30	12	35	15	44	65	59°·8
JULY 1922, .	25·2	6·6	12·7	11·4	1	0	63	6	39	18	50	62	55°·2
JULY 1921, .	26 0	7·3	12·6	11·2	5	0	6	16	52	17	88	70	60°·5
JULY 1920, .	28·7	7·8	17·8	12·1	5	30	19	7	15	15	59	71	55°·8
JULY 1919, .	21·3	8·9	16·8	11·1	3	0	48	4	53	20	32	78	57°·0
JULY 1918, .	22·1	9·5	12·3	15·7	10	0	44	9	72	27	42	85	57°·8
JULY 1917, .	21·1	8·1	10·4	13·2	2	0	121	9	141	14	42	83	59°·1
JULY 1916, .	24·2	7·1	9·9	12·2	6	0	66	26	25	20	46	72	58°·0
JULY 1915, .	23·6	6·2	14·0	14·4	4	0	229	46	62	34	78	100	57°·3
JULY 1914, .	27·7	6·2	12·8	13·3	9	0	41	21	49	15	86	91	58°·9

Figures in Columns 5–13 have been corrected for non-resident deaths.
* Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS—July 1924.

CAUSES OF DEATH.	Total.	Males.	Females.	Age.											
				-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85 & over.
Enteric Fever	1	–	1	–	1	–	–	–	–	–	–	–	–	–	–
Typhus Fever	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Small-pox	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Measles	25	12	13	4	20	1	–	–	–	–	–	–	–	–	–
Scarlet Fever	15	8	7	–	10	3	1	–	1	–	–	–	–	–	–
Whooping-cough	52	28	24	25	26	1	–	–	–	–	–	–	–	–	–
Diphtheria	21	10	11	–	8	8	3	1	–	–	–	–	1	–	–
Influenza	17	9	8	–	–	–	–	1	2	4	4	2	4	–	–
Encephalitis Lethargica	10	5	5	–	2	–	–	2	1	1	1	3	–	–	–
Cerebro-spinal Meningitis	5	5	–	1	3	–	–	1	–	–	–	–	–	–	–
Other Epidemic Diseases	16	6	10	2	4	1	–	–	2	–	2	2	2	1	–
Tuberculosis of Respiratory System	155	86	69	2	2	–	5	40	33	33	21	11	7	1	–
Tuberculous Meningitis	39	25	14	10	16	2	5	2	2	1	1	–	–	–	–
Tuberculosis of Intestines and Peritoneum	20	9	11	1	6	2	3	2	2	1	1	1	1	–	–
Other Tuberculous Disease	34	17	17	–	6	5	3	7	3	2	2	2	4	–	–
Malignant Tumours	265	115	150	1	1	–	1	1	3	14	53	94	70	24	3
Rheumatic Fever	4	1	3	–	–	–	1	3	–	–	–	–	–	–	–
Meningitis (not Cer.-spin. or Tuberc.)	18	9	9	7	7	–	1	–	1	1	–	–	1	–	–
Apoplexy	213	97	116	1	–	–	–	1	–	6	22	51	88	36	8
Heart Disease	283	147	136	–	–	4	8	6	5	15	30	66	87	52	10
Diseases of Arteries	27	13	14	–	–	–	–	–	–	1	3	5	8	9	1
Bronchitis	75	50	25	5	4	–	–	1	–	1	1	18	29	11	5
Pneumonia (all forms)	189	121	68	37	33	6	5	7	5	15	23	17	24	13	4
Other Diseases of Respiratory System	30	16	14	3	2	2	–	–	1	1	2	3	9	4	3
Diarrhœa and Enteritis (under 2 years)	42	26	16	35	7	–	–	–	–	–	–	–	–	–	–
Appendicitis	16	9	7	–	2	2	3	4	1	–	–	1	3	–	–
All Diseases of Liver (not Malignant)	20	12	8	1	–	–	–	1	–	–	4	5	4	5	–
Nephritis, Acute and Chronic	74	42	32	–	2	–	1	5	3	10	15	19	14	5	–
Puerperal Sepsis	5	–	5	–	–	–	1	–	4	–	–	–	–	–	–
Other Dis. & Accidents of Preg. & Part.	22	–	22	–	–	–	–	2	9	11	–	–	–	–	–
Diseases of Early Infancy and Malform.	146	80	66	144	2	–	–	–	–	–	–	–	–	–	–
Suicide	19	16	3	–	–	–	–	1	–	7	6	5	–	–	–
Other Violent Deaths	101	68	33	4	13	10	7	6	13	11	11	8	8	8	2
Other Defined Diseases	382	185	197	28	16	10	5	4	13	26	58	54	57	82	29
Causes Ill-defined or Unknown	49	29	20	2	5	1	–	–	2	3	8	14	9	5	–
	2390	1256	1134	313	198	58	53	98	106	164	268	381	430	256	65

DEATHS IN EACH TOWN (corrected for Transfers)—July 1924.

CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
Enteric Fever	1	1	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...	...
Measles	25	3	11	...	4	1	1	...	...
Scarlet Fever	15	4	5	5	...	...	...	...	...
Whooping-cough	52	36	4	...	5	2	3	...	...
Diphtheria	21	6	6	5	...	1	1	...	...
Influenza	17	7	6	...	...	...	...	...	...
Encephalitis Lethargica	10	4	1	...	...	1	1	...	...
Cerebro-spinal Meningitis	5	3	1	1	...	...	...	...	...
Other Epidemic Diseases	16	8	1	3	3	...	...	...	...
Tuberculosis of Respiratory System ...	155	70	22	10	9	5	6	6	5
Tuberculous Meningitis	39	19	5	2	1	2	2	1	1
Tuber. of Intestines and Peritoneum	20	9	3	...	...	2	...	...	...
Other Tuberculous Disease	34	12	6	3	3	1	3	1	...
Malignant Tumours	265	115	48	23	12	13	9	10	5
Rheumatic Fever	4	2	1	1	...	...	...	...	...
Meningitis (not Cerebro-spinal or Tuber.)	18	10	2	2	...	...	...	...	...
Apoplexy	213	94	33	19	15	5	8	2	4
Heart Disease	283	93	72	26	28	16	4	6	4
Diseases of Arteries	27	5	8	3	2	2	...	...	1
Bronchitis	75	41	11	5	4	...	1	1	1
Pneumonia (all forms)	189	97	33	16	5	6	3	7	4
Other Diseases of Respiratory System	30	11	9	1	4	...	1	2	...
Diarrhœa and Enteritis (under 2 years)	42	26	2	3	3	3	2	1	...
Appendicitis	16	7	1	...	...	1	1	...	...
All Diseases of Liver (not Malignant)	20	8	7	...	1	1	...	...	...
Nephritis, Acute and Chronic ...	74	36	12	4	2	6	3	...	1
Puerperal Sepsis	5	2	1	1	...	...	...	...	1
Other Diseases and Accidents of Pregnancy and Parturition	22	11	2	1	...	3	1	...	1
Dis. of Early Infancy and Malformations	146	66	16	13	13	12	6	5	2
Suicide	19	10	2	3	2	...	...	1	...
Other Violent Deaths	101	53	16	6	5	3	4	4	2
Other Defined Diseases	382	163	72	24	21	20	16	9	6
Causes Ill-defined or Unknown ...	49	22	1	8	5	2	3	1	...
All Causes ...	2390	1054	420	188	147	108	79	57	38
AGE AT DEATH.									
Under 1	313	164	36	17	24	19	14	10	3
1– 4	198	81	33	24	21	4	8	1	1
5– 9	58	28	10	4	...	2	3	1	...
10–14	53	21	10	5	3	4	2	...	2
15–24	98	38	16	8	4	7	3	4	1
25–34	106	64	16	3	4	7	2	2	2
35–44	164	79	27	11	6	8	7	5	6
45–54	268	136	42	20	11	6	6	6	7
55–64	381	151	68	28	9	23	13	15	8
65–74	430	186	78	41	34	15	10	7	5
75–84	256	83	69	22	23	9	7	6	3
85 and over	65	23	15	5	8	4	4	...	...
All Ages ...	2390	1054	420	188	147	108	79	57	38

DEATHS IN EACH TOWN (corrected for Transfers)—July 1924—*continued.*

CAUSES OF DEATH.	Coatbridge.	Dunfermline.	Kirkcaldy.	Hamilton.	Kilmarnock.	Ayr.	Falkirk.	Perth.
Enteric Fever	...	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...
Measles	3	...	...	...	1	1	...	...
Scarlet Fever	...	...	...	...	1	...	...	...
Whooping-cough	1	...	...	...	1	...	...	...
Diphtheria	...	...	...	...	1	...	1	...
Influenza...	...	...	1	...	3	...	...	...
Encephalitis Lethargica	...	...	...	3	...	...	...	...
Cerebro-spinal Meningitis	...	...	...	...	...	...	...	...
Other Epidemic Diseases	...	1	...	...	...	...	...	...
Tuberculosis of Respiratory System ...	3	...	3	5	3	3	3	2
Tuberculous Meningitis	1	1	...	...	1	...	2	1
Tuber. of Intestines and Peritoneum ...	2	...	...	2	...	1	...	1
Other Tuberculous Disease	...	2	...	...	2	...	1	...
Malignant Tumours	5	5	4	3	5	3	3	2
Rheumatic Fever	...	...	...	...	...	...	...	...
Meningitis (not Cerebro-spinal or Tuber.)	2	...	...	...	1	...	...	1
Apoplexy	6	5	4	3	1	2	6	6
Heart Disease	6	2	3	7	8	3	2	3
Diseases of Arteries	1	...	...	...	2	...	...	3
Bronchitis	4	...	...	3	1	3	...	...
Pneumonia (all forms)	4	2	3	2	2	3	...	2
Other Diseases of Respiratory System	...	1	...	...	1	...	...	...
Diarrhœa and Enteritis (under 2 years)	...	...	1	1	...	...	...	...
Appendicitis	1	1	...	1	1	2	...	...
All Diseases of Liver (not Malignant)	...	...	...	...	...	1	1	1
Nephritis, Acute and Chronic... ...	1	2	1	3	2	1	...	...
Puerperal Sepsis	...	...	...	...	...	...	...	...
Other Diseases and Accidents of Pregnancy and Parturition	1	...	...	2	...	...	...	...
Dis. of Early Infancy and Malformations	2	1	3	1	...	2	3	1
Suicide	1	...	...	...	...	...	...	...
Other Violent Deaths	1	...	3	1	...	2	1	...
Other Defined Diseases	8	4	7	7	5	8	7	5
Causes Ill-defined or Unknown ...	2	...	1	...	...	1	1	2
All Causes ...	55	27	34	44	42	36	31	30
AGE AT DEATH.								
Under 1	6	1	4	4	3	2	3	3
1– 4	9	1	1	4	3	3	3	1
5– 9	2	3	2	1	1	...	1	...
10–14	...	2	...	1	1	1	...	1
15–24	3	...	3	4	3	...	2	2
25–34	1	1	...	2	2	...	...	...
35–44	1	1	2	4	...	2	4	1
45–54	7	3	4	5	4	6	3	2
55–64	12	5	7	5	12	10	5	10
65–74	11	7	6	8	8	7	5	2
75–84	3	3	4	6	5	3	3	7
85 and over	...	...	1	...	...	2	2	1
All Ages ...	55	27	34	44	42	36	31	30

ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Made at RENFREW (for GLASGOW), EDINBURGH, DUNDEE, ABERDEEN, PAISLEY, GREENOCK, and PERTH, During the Month of JULY 1924.

OBSERVERS.	Height of Station above Sea-level.	BAROMETER. Mean at Station and 32°.	BAROMETER. Mean at Sea-Level and 32°.	AIR TEMPERATURE. Mean of Maximum (A).	AIR TEMPERATURE. Mean of Minimum (B.)	AIR TEMPERATURE. Mean of A and B (Mean Temperature).	AIR TEMPERATURE. Difference from Average, 1881–1915.	AIR TEMPERATURE. Absolute Maximum and Minimum. Maximum.	AIR TEMPERATURE. Absolute Maximum and Minimum. Day of Month.	AIR TEMPERATURE. Absolute Maximum and Minimum. Minimum.	AIR TEMPERATURE. Absolute Maximum and Minimum. Day of Month.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Dry Bulb.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Depression of Wet Bulb.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Vapour Pressure.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Humidity.	RAIN, AND OTHER FORMS OF PRECIPITATION. Number of Days.	RAIN, AND OTHER FORMS OF PRECIPITATION. Total Fall.	RAIN, AND OTHER FORMS OF PRECIPITATION. Difference from Average, 1881–1915.	WIND DIRECTIONS. Number of Observations at 9 A.M. and 9 P.M. N	NE	E	SE	S	SW	W	NW	Calm or Variable.
	feet.	inch.	inch.	°	°	°	°	°		°		°	°	inch.	per cent.		inch.	inch.									
RENFREW,* The Meteorological Office.	40	29·708	29·751	63·1	50·6	56·9	−1·1	75	12*th*	46	27*th*	57·3	2·7	·391	83	25	3·00	−0·09	1	3	7	1	8	17	17	5	3
EDINBURGH, Professor R. A. SAMPSON, F.R.S., Royal Observatory.	441	29·300	29·771	62·7	50·8	56·8	−0·1	77	12*th*	46	27*th*	55·8	3·1	·360	80	22	4·22	+1·59	1	2	6	0	10	12	20	6	5
DUNDEE, A. MACRAE, Curator of Cemeteries.	164	29·561	29·739	64·1	50·9	57·5	−0·9	73	11*th*	47	23, 24	56·6	2·0	·400	87	25	4·74	+2·00	0	1	0	16	0	38	1	6	0
ABERDEEN,* The Meteorological Office.	90	29·634	29·733	63·3	51·0	57·2	+0·6	74	11*th*	47	20, 24	56·5	2·2	·392	86	23	5·38	+2·57	4	3	4	7	13	12	7	9	3
PAISLEY, The Coats Observatory.	107	29·642	29·759	64·0	52·1	58·1	−1·2	76	12*th*	45	27*th*	57·6	2·9	·391	82	25	3·20	+0·34	1	4	5	2	7	21	9	5	8
GREENOCK,† J. MACALISTER, A.M.Inst., C.E., Greenock Waterworks.	233	29·503	29·756	62·3	52·1	57·2	−0·4	75	12*th*	47	27*th*	57·0	2·6	·388	83	26	4·16	+0·24	0	1	9	1	4	23	22	1	1
PERTH,† J. RITCHIE, Jr., The Museum.	22	29·720	29·744	65·3	50·9	58·1	−0·3	75	9*th*	42	5*th*	58·9	3·7	·387	77	20	5·06	+2·17	0	0	5	10	6	29	10	2	0
Means	157	29·581	29·750	63·5	51·2	57·4	−0·5	..	..	..	..	57·1	2·7	·387	83	24	4·25	+1·26	1	2	5	5	7	22	12	5	3

North Latitude.—Glasgow, 55° 51′; Edinburgh, 55° 55′; Dundee, 56° 28′; Aberdeen, 57° 9′; Paisley 55° 51′; Leith, 55° 58′ Greenock, 55° 57′; Perth, 56° 23′; Mean, 56° 11′.
West Longitude.—Glasgow, 4° 13′; Edinburgh, 3° 11′; Dundee, 2° 57′; Aberdeen, 2° 7′; Paisley, 4° 27′; Leith, 3° 8′; Greenock, 4° 46′; Perth, 3° 25′; Mean, 3° 32′.

* At 7 A.M. and 6 P.M. † At 9 A.M. only.

EDINBURGH: PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE.
To be purchased directly from H. M. STATIONERY OFFICE at the following addresses:
120, George Street, Edinburgh; Imperial House, Kingsway, London, W.C. 2; 28, Abingdon Street, London, S.W. 1;
York Street, Manchester; or 1, St. Andrew's Crescent, Cardiff;
or through any Bookseller.
Printed under the authority of HIS MAJESTY'S STATIONERY OFFICE
By J. Skinner & Co., Ltd., 27 Thistle Street, Edinburgh.
Price 6d. net.
(4480.) Wt. 10/15 1150. S/24 J. S. & Co., Ltd. Group 4/16

FOR OFFICIAL USE.

MONTHLY RETURN

OF THE

BIRTHS, DEATHS, AND MARRIAGES

IN SIXTEEN OF THE PRINCIPAL TOWNS OF

SCOTLAND.

AUGUST 1924.

Published by Authority of the Registrar-General.

REPORT.

During the month of August 1924 there were registered in the Sixteen Principal Towns of Scotland, those burghs which at the date of the 1921 Census had populations of over 30,000, the births of 4387 living children, of whom 2231 were males and 2156 were females. Compared with the numbers in the previous month that of male children is 175 less, of female children 74 less, and of all children 249 less. Compared with the mean of the numbers of the three preceding months, that of male children is 243 less, of female children 160 less, and of all children 403 less. Compared with the numbers in August of last year that of male children is 179 less, of female children 152 less, and of all children 331 less.

The monthly birth-rate in these burghs taken collectively was 21·6 per thousand. This rate is 1·2 less than that of the previous month, 2·2 less than the mean of those of the three preceding months, and 1·6 less than that of August of last year. In the individual towns the monthly birth-rate varied from 26·5 in Hamilton, 25·1 in Coatbridge, 23·0 in Glasgow, and 22·9 in Paisley, to 16·0 in Perth, 16·9 in Dunfermline, 19·1 in Aberdeen, and 19·3 in Edinburgh. In Kilmarnock this rate was 22·5, in Greenock 22·0, in Motherwell and Wishaw 21·6, in Dundee 21·0, in Ayr 20·1, in Clydebank 20·0, in Kirkcaldy 20·0, and in Falkirk 19·6.

Of the 4387 living children registered during the month 4080 or 93·0 per cent., were legitimate, while 307, or 7·0 per cent., were illegitimate. The legitimate children of the month numbered 255 fewer than in the previous month, 7 fewer than the mean of the numbers of the three preceding months, and 303 fewer than in August of last year. The illegitimate children of the month numbered 6 more than in the previous month, and 4 more than the mean of the numbers of the three preceding months, but 28 fewer than in August of last year. The illegitimate rate is 0·5 more than that of the previous month, and 0·7 more than the mean of those of the three preceding months, but is 0·1 less than that of August of last year. In the individual towns this rate varied from 15·6 per cent. in Perth, 10·5 in Falkirk, and 9·2 in Edinburgh, to 0 in Ayr, 1·7 in Dunfermline, 3·1 in Motherwell and Wishaw and in Coatbridge, and 3·3 in Greenock. In Aberdeen this rate was 7·7, in Hamilton 7·6, in Kirkcaldy 7·4, in Dundee 7·3, in Glasgow 7·2, in Kilmarnock 5·7, in Paisley 5·4, and in Clydebank 3·8.

Marriages registered in these towns during the month numbered 1401. This number is 1116 less than that of the previous month, 414 less than the mean of those of the three preceding months, and 170 less than that of August of last year. The monthly marriage-rate is 6·9 per thousand. This rate is 5·5 less than that of the previous month, 2·1 less than the mean of those of the three preceding months, and 0·8 less than that of August of last year. In the individual towns this rate varied from 12·2 in Kilmarnock, 11·1 in Aberdeen, 9·1 in Edinburgh, and 7·8 in Perth, to 2·9 in Hamilton, 3·0 in Clydebank, 3·2 in Dunfermline, and 3·9 in Coatbridge. In Ayr this rate was 7·5, in Paisley 7·2, in Glasgow 6·3, in

Kirkcaldy 5·6, in Dundee 5·5, in Motherwell and Wishaw 5·2, in Greenock 4·9, and in Falkirk 4·8.

Deaths registered in these towns during the month numbered 2273, 1176 being of males and 1097 of females. These deaths include 241 of persons with usual residence outwith the town of registration, but do not include those of 159 persons with usual residence in one or other of these towns but dying elsewhere in Scotland, and the difference, 82, falls to be deducted to obtain the corrected number, which is thus found to be 2191. This corrected number includes the deaths of 1122 males and 1069 females.

The monthly death-rate, based on the corrected number of deaths, is 10·8 per thousand. This rate is 0·9 less than that of the previous month, and 2·1 less than the mean of those of the three preceding months, but is 0·1 more than that of August of last year. In the individual towns the monthly death-rate varied from 13·1 in Dundee, 12·5 in Kilmarnock, and 11·7 in Aberdeen, to 7·1 in Clydebank, 8·4 in Hamilton, 8·6 in Coatbridge, and 8·8 in Kirkcaldy. In Edinburgh this rate was 11·6, in Motherwell and Wishaw 11·6, in Perth 11·4, in Glasgow 10·5, in Ayr 10·1, in Dunfermline 10·0, in Greenock 9·7, in Paisley 9·5, and in Falkirk 9·3.

Deaths of children of less than one year old numbered 369. These deaths are 56 more than in the previous month, and 80 more than in August of last year, but are 8 fewer than the mean of the numbers of the three preceding months. These deaths equal an infantile mortality rate of 77 per thousand of the average number of births registered monthly in these towns during the preceding twelve months. This rate is 12 more than that of the previous month, and 19 more than that of August of last year, but is 2 less than the mean of those of the three preceding months. In the individual towns the monthly infantile death-rate varied from 132 in Kilmarnock, 103 in Dunfermline, and 99 in Motherwell and Wishaw, to 34 in Hamilton, and 43 in Kirkcaldy and in Ayr. In Aberdeen this rate was 91, in Clydebank 90, in Falkirk 90, in Dundee 83, in Glasgow 80, in Edinburgh 73, in Paisley 68, in Perth 54, in Greenock 52, and in Coatbridge 52.

Deaths from the principal epidemic diseases numbered 169, and equalled a death-rate of 0·8 per thousand. These deaths collectively number 13 more than in the previous month, and 22 more than in August of last year, but are 42 less than the mean of the numbers of the three preceding months. This death-rate is of the same amount as in the previous month, but is 0·3 less than the mean of those of the three preceding months, while it is 0·1 more than in August of last year. These deaths include 20 from measles, 18 from scarlet fever, 48 from whooping-cough, 21 from diphtheria, and 62 from the diarrhœas of childhood. Compared with the numbers in the previous month, deaths from the diarrhœas of childhood are 20 more, and those from scarlet fever are 3 more, but those from diphtheria are of the same amount, while those from whooping-cough are 4 fewer, and those from measles 5 fewer. In the previous month there was one death from enteric fever. In this month there were none.

Deaths from influenza numbered 10. In June these deaths numbered 28, and in July 17.

Deaths from encephalitis lethargica numbered 7. In May these deaths numbered 24, in June 22, and in July 10.

Deaths from respiratory diseases, other than phthisis, but exclusive of those associated with influenza, numbered 255. This number is 39 less than in the previous month, and 114 less than the mean of those of the three preceding months, but is 15 more than that of August of last year. These 255 deaths include 78 from bronchitis and 157 from pneumonia, the former being 3 more, but the latter 32 fewer than in the previous month.

Deaths from all forms of tuberculous disease numbered 243, of which 162 were attributed to tuberculosis of the respiratory system. The former number is 5 less than that of the previous month, and 32 less than the mean of those of the three preceding months, but is 10 more than that of August of last year. The latter number is 7 more than that of the previous month, but is 23 less than the mean of those of the three preceding months, and 6 less than that of August of last year.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

AUGUST 1924.

Mean barometric pressure, 29·674 in.; less than the average of 1881–1915 by 0·185 in.

Mean temperature, 56°·2; less by 1°·0.

Mean daily range of temperature, 11°·6; less by 2°·3.

Rain, depth in inches, 3·13; less by 0·56 in.

Wind, direction of: a 6 days' excess of southerly and south-westerly winds.

Except for a short anticyclonic spell from about 7th to 10th, pressure distribution was almost continuously of a cyclonic type, and the mean level of the barometer was the lowest recorded in August since 1912. A depression which was off the south-west of Ireland on the morning of 17th pursued a very unusual track, moving to the North Sea and then slowly round the North of Scotland. Its centre was approximately over the Spey valley on 21st, and moving very slowly to the north-east.

There was practically no warm weather, though during the second week temperature was fully equal to the normal, and few stations reached 70°. The mean night temperature in most districts practically equalled the normal, and, on the whole, the month shared the general characteristics of May, June and July, with days that were frequently cold, a low mean daily range, and a low soil temperature. Highest readings occurred about 2nd, 9th and 30th (73° at Gordon Castle); and lowest on 17th or 27th (32° at West Linton on 17th). In Orkney and Shetland the mean for the month was decidedly above the normal; but in most mainland districts rather below it.

Until 6th light to moderate rains were fairly general, whilst from 7th to 10th many places were rainless. By 12th a wet type of weather was established, with rain on every day until the end of the month in various districts, though on some days the amounts were small. On 16th falls were heavy in the south (2·16 in. near Kirkpatrick Durham), and during the week ending 23rd there were abnormally heavy rains in the Moray Firth area, the hilly districts of Aberdeenshire, and the lower and middle Spey valley. At Logie Coldstone the total for the week was as much as 4·75 in. (with 2·75 in. on 22nd), and at Inverurie 4·34 in. (with 3·25 in. on 22nd). Later there were heavy general falls on 26th and 28th. The month's aggregates were greatly above the normal in the Moray Firth and adjacent areas; but elsewhere the distribution was irregular, with practically the normal amount at many places, and a slight to moderate deficiency in some districts. Within the very wet area amounts were at some places rather less than those recorded in August 1923, but at Grantown-on-Spey the 1923 "record" was exceeded by half an inch and at Logie Coldstone the month was the wettest August since 1878. In practically all districts the total rainfall duration appears to have been high.

For the fourth month in succession thunderstorms were frequent, though less so than in July, occurring over wide or limited areas on as many as 11 days. The most widespread and important was experienced on afternoon of 22nd, whilst another of considerable intensity occurred rather widely on 12th.

Except in Orkney and Shetland the month was a very cloudy one, especially during the last two weeks or so.

NOTE.—The mean values refer to those of the Principal Towns named in meteorological table on p. 64.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES in the Principal Towns, August 1924.

TOWNS.	POPULATION.		BIRTHS.					MARRIAGES.	DEATHS.					
									REGISTERED			TRANSFERS		
	Census 1921.	Estimated to middle of 1924.	Males.	Females.	Total.	Legitimate.	Illegitimate.		Males.	Females.	Total.	Out.	In.	Total Corrected.
GLASGOW,	1,034,174	1,051,000	1081	970	2051	1904	147	562	513	444	957	87	64	934
EDINBURGH,	420,264	427,500	336	361	697	633	64	328	232	232	464	59	16	421
DUNDEE,	168,315	169,600	145	157	302	280	22	79	83	104	187	7	8	188
ABERDEEN,	158,963	159,900	128	131	259	239	20	150	89	73	162	23	19	158
PAISLEY,	84,837	86,700	83	85	168	159	9	53	44	35	79	11	2	70
GREENOCK,	81,123	81,700	65	87	152	147	5	34	31	40	71	7	3	67
MOTHERWELL AND WISHAW,	68,869	70,300	62	67	129	125	4	31	29	29	58	1	12	69
CLYDEBANK,	46,506	46,700	42	37	79	76	3	12	11	11	22	1	7	28
COATBRIDGE,	43,909	45,500	49	48	97	94	3	15	14	18	32	1	2	33
DUNFERMLINE,	39,899	41,200	29	30	59	58	1	11	25	15	40	9	4	35
KIRKCALDY,	39,591	40,200	36	32	68	63	5	19	14	15	29	2	3	30
HAMILTON,	39,420	41,000	45	47	92	85	7	10	13	11	24	1	6	29
KILMARNOCK,	35,911	36,800	39	31	70	66	4	38	23	16	39	3	3	39
AYR,	35,763	36,300	34	28	62	62	0	23	19	18	37	9	3	31
FALKIRK,	33,308	34,400	31	26	57	51	6	14	15	13	28	6	5	27
PERTH,	33,208	33,200	26	19	45	38	7	22	21	23	44	14	2	32
TOTAL (SIXTEEN TOWNS)	2,364,060	2,402,000	2231	2156	4387	4080	307	1401	1176	1097	2273	241	159	2191

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES in the Principal Towns, August 1924.

TOWNS	Birth-Rate per 1000 of Population.	Illegitimate Birth-Rate per 100 Births.	Marriage-Rate per 1000 of Population.	DEATH-RATES PER 1000 of POPULATION FROM						DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		Principal Epidemic Diseases.	All Tuberculosis.	Tuberc. of Respiratory System.	All Respiratory Diseases.	Number.	* Rate per 1000 Births.
				Registered.	Corr. for Transfers.						
GLASGOW,	23·0	7·2	6·3	10·8	10·5	0·9	1·2	0·8	1·4	177	80
EDINBURGH,	19·3	9·2	9·1	12·8	11·6	0·9	1·3	1·0	1·4	54	73
DUNDEE,	21·0	7·3	5·5	13·0	13·1	0·9	1·2	0·7	1·6	28	83
ABERDEEN,	19·1	7·7	11·1	12·0	11·7	0·4	1·3	0·7	1·0	28	91
PAISLEY,	22·9	5·4	7·2	10·8	9·5	0·7	1·0	0·5	1·0	11	68
GREENOCK,	22·0	3·3	4·9	10·3	9·7	0·7	1·0	0·7	0·7	9	52
MOTHERWELL AND WISHAW,	21·6	3·1	5·2	9·7	11·6	1·3	0·8	0·2	0·8	15	99
CLYDEBANK,	20·0	3·8	3·0	5·6	7·1	1·0	1·8	1·3	0·0	8	90
COATBRIDGE,	25·1	3·1	3·9	8·3	8·6	0·8	2·1	1·3	1·3	5	52
DUNFERMLINE,	16·9	1·7	3·2	11·5	10·0	0·0	1·1	0·9	0·3	7	103
KIRKCALDY,	20·0	7·4	5·6	8·5	8·8	0·3	0·6	0·3	1·2	3	43
HAMILTON,	26·5	7·6	2·9	6·9	8·4	0·3	1·4	0·9	0·6	3	84
KILMARNOCK,	22·5	5·7	12·2	12·5	12·5	1·0	0·6	0·3	1·0	9	132
AYR,	20·1	0·0	7·5	12·0	10·1	0·0	1·3	1·3	1·0	3	43
FALKIRK,	19·6	10·5	4·8	9·6	9·3	0·3	0·3	0·3	1·0	6	90
PERTH,	16·0	15·6	7·8	15·7	11·4	0·7	0·7	0·7	1·8	3	54
TOTAL (SIXTEEN TOWNS)	21·6	7·0	6·9	11·2	10·8	0·8	1·2	0·8	1·3	369	77

* Based on the average number of births registered monthly during the past 12 months.

TABLE III.—BIRTH-RATE, DEATH-RATE, ETC. FOR AUGUST 1924, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

Month.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM							*Infantile Mortality Rate.	Mean Temperature. (Seven Towns only.)
					Enteric Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Diarrhœa (Under 2 Years).		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
AUG. 1924,	**21·6**	**7·0**	**6·9**	**10·8**	**0**	**0**	**20**	**18**	**48**	**21**	**62**	**77**	**56°·2**
AUG. 1923,	23·2	7·1	7·7	10·7	4	0	28	17	31	8	58	58	56°·5
AUG. 1922,	24·1	6·5	7·5	10·5	0	0	26	4	28	18	35	54	54°·8
AUG. 1921,	26·2	7·7	8·7	12·8	2	0	6	14	37	13	213	105	56°·1
AUG. 1920,	27·5	9·0	10·3	11·9	3	13	6	11	26	18	85	69	55°·5
AUG. 1919,	21·0	9·6	9·9	10·3	5	0	23	8	21	26	104	38	57°·6
AUG. 1918,	19·8	9·8	8·1	10·7	8	0	10	5	44	23	129	89	58°·5
AUG. 1917,	19·3	8·9	7·2	11·5	0	0	38	5	57	13	161	93	58°·8
AUG. 1916,	23·6	7·8	8·0	12·5	5	0	29	19	25	17	158	95	58°·9
AUG. 1915,	22·6	6·8	9·5	13·3	8	0	111	53	31	27	129	94	58°·1
AUG. 1914,	25·6	7·3	7·8	13·8	19	0	19	26	62	32	201	114	58°·6

Figures in Columns 5–13 have been corrected for non-resident deaths.
* Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS—August 1924.

CAUSES OF DEATH.	Total.	Males.	Females.	Age.											
				-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85 & over.
Enteric Fever	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Typhus Fever	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Small-pox	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Measles	20	11	9	6	14	–	–	–	–	–	–	–	–	–	–
Scarlet Fever	18	8	10	1	12	3	2	–	–	–	–	–	–	–	–
Whooping-cough	48	21	27	22	26	–	–	–	–	–	–	–	–	–	–
Diphtheria	21	10	11	1	16	3	1	–	–	–	–	–	–	–	–
Influenza	10	5	5	–	–	1	–	1	–	–	1	–	3	3	1
Encephalitis Lethargica	7	5	2	–	1	–	–	1	2	2	1	–	–	–	–
Cerebro-spinal Meningitis	5	3	2	1	2	1	–	1	–	–	–	–	–	–	–
Other Epidemic Diseases	4	1	3	1	–	–	–	–	–	1	1	–	–	1	–
Tuberculosis of Respiratory System	162	78	84	2	6	–	6	41	35	27	23	14	8	–	–
Tuberculous Meningitis	34	17	17	7	14	4	1	6	1	1	–	–	–	–	–
Tuberculosis of Intestines and Peritoneum	19	13	6	–	9	1	3	3	1	–	2	–	–	–	–
Other Tuberculous Disease	28	11	17	–	7	–	4	6	2	3	4	2	–	–	–
Malignant Tumours	218	84	134	–	–	–	–	3	5	11	28	71	68	28	4
Rheumatic Fever	10	7	3	–	1	1	2	3	2	–	–	–	1	–	–
Meningitis (not Cer.-spin. or Tuberc.)	21	13	8	9	6	1	1	2	–	–	1	1	–	–	–
Apoplexy	198	96	102	1	–	–	–	1	–	3	21	35	79	48	10
Heart Disease	224	111	113	–	–	1	3	6	10	18	28	50	64	40	4
Diseases of Arteries	29	14	15	–	–	–	–	–	–	1	2	5	8	10	3
Bronchitis	78	44	34	7	3	–	–	–	1	3	6	8	33	16	1
Pneumonia (all forms)	157	89	68	55	33	5	5	5	7	10	9	8	23	14	3
Other Diseases of Respiratory System	20	13	7	3	3	–	–	1	–	1	5	1	1	5	–
Diarrhœa and Enteritis (under 2 years)	62	31	31	56	6	–	–	–	–	–	–	–	–	–	–
Appendicitis	17	7	10	–	4	1	1	5	2	1	1	1	1	–	–
All Diseases of Liver (not Malignant)	23	8	15	–	2	–	–	–	–	1	5	3	10	2	–
Nephritis, Acute and Chronic	71	37	34	–	1	1	–	2	3	6	14	19	19	6	–
Puerperal Sepsis	7	–	7	–	–	–	–	–	3	4	–	–	–	–	–
Other Dis. & Accidents of Preg. & Part.	13	–	13	–	–	–	–	2	7	4	–	–	–	–	–
Diseases of Early Infancy and Malform.	173	108	65	172	1	–	–	–	–	–	–	–	–	–	–
Suicide	12	9	3	–	–	–	–	1	2	–	2	3	4	–	–
Other Violent Deaths	74	56	18	5	9	3	2	7	5	10	12	5	10	4	2
Other Defined Diseases	366	191	175	38	4	12	4	12	21	16	37	56	77	56	23
Causes Ill-defined or Unknown	42	21	21	2	1	1	–	1	1	1	4	10	15	3	3
	2191	1122	1069	369	191	39	35	110	110	124	207	292	424	236	54

DEATHS IN EACH TOWN (corrected for Transfers)—August 1924.

CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
Enteric Fever	...	...	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...	...
Measles	20	5	13	...	...	...	1	...	...
Scarlet Fever	18	5	4	4	1	...	...	1	...
Whooping-cough	48	23	5	...	3	2	4	2	4
Diphtheria	21	7	7	4	...	1	...	2	...
Influenza	10	5	2	...	...	...	1	...	...
Encephalitis Lethargica	7	1	...	2	...	...	1	...	...
Cerebro-spinal Meningitis	5	1	...	...	2	...	...	...	...
Other Epidemic Diseases	4	1	3	...	...	...	...	...	...
Tuberculosis of Respiratory System ...	162	72	35	10	10	4	5	1	5
Tuberculous Meningitis	34	12	4	1	3	2	2	3	1
Tuber. of Intestines and Peritoneum	19	9	4	2	1	...	...	1	1
Other Tuberculous Disease	28	13	5	4	4	1	...	...	...
Malignant Tumours	218	91	48	14	22	9	5	6	2
Rheumatic Fever	10	3	2	...	...	2	1	...	...
Meningitis (not Cerebro-spinal or Tuber.)	21	12	4	2	...	...	1	...	...
Apoplexy	198	74	43	16	20	6	8	5	...
Heart Disease	224	84	42	32	19	10	7	5	2
Diseases of Arteries	29	7	9	4	7	1	1	...	...
Bronchitis	78	45	9	4	5	3	...	1	...
Pneumonia (all forms)	157	70	41	16	5	2	5	4	...
Other Diseases of Respiratory System	20	9	2	3	3	2	...	...	...
Diarrhœa and Enteritis (under 2 years)	62	44	5	5	1	2	...	3	...
Appendicitis	17	7	5	1	...	2	...	...	...
All Diseases of Liver (not Malignant)	23	10	4	1	2	...	1	...	...
Nephritis, Acute and Chronic ...	71	32	9	8	4	1	4	1	...
Puerperal Sepsis	7	6	1	...	...	...	...	...	...
Other Diseases and Accidents of Pregnancy and Parturition	13	7	2	2	1	...	...	...	...
Dis. of Early Infancy and Malformations	173	71	27	15	16	6	3	10	5
Suicide	12	8	...	1	1	...	...	...	...
Other Violent Deaths	74	26	17	7	4	2	2	5	3
Other Defined Diseases	366	159	63	21	23	10	13	17	4
Causes Ill-defined or Unknown ...	42	15	6	9	1	2	2	2	1
All Causes ...	2191	934	421	188	158	70	67	69	28
AGE AT DEATH.									
Under 1	369	177	54	28	28	11	9	15	8
1– 4	191	81	38	18	10	5	9	7	3
5– 9	39	17	9	2	...	...	1	8	...
10–14	35	12	11	1	2	1	2	1	...
15–24	110	47	16	9	6	3	6	2	5
25–34	110	49	23	10	6	3	1	7	2
35–44	124	63	19	10	6	7	2	3	1
45–54	207	101	42	15	13	5	6	2	2
55–64	292	116	60	31	25	5	13	6	1
65–74	424	172	80	38	31	17	14	10	2
75–84	236	81	58	20	24	10	4	7	3
85 and over	54	18	11	6	7	3	...	1	1
All Ages ...	2191	934	421	188	158	70	67	69	28

DEATHS IN EACH TOWN (corrected for Transfers)—August 1924—*continued.*

CAUSES OF DEATH.	Coatbridge.	Dunfermline.	Kirkcaldy.	Hamilton.	Kilmarnock.	Ayr.	Falkirk.	Perth.
Enteric Fever	...	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...
Measles	...	...	1	...	...	...	...	...
Scarlet Fever	2	...	...	...	...	...	...	1
Whooping-cough	1	...	...	1	2	...	1	...
Diphtheria	...	...	...	...	...	...	...	...
Influenza...	2	...	...	...	...	...	...	...
Encephalitis Lethargica	...	1	...	1	1	...	...	...
Cerebro-spinal Meningitis	...	...	...	...	...	1	...	1
Other Epidemic Diseases	...	...	...	...	...	...	...	...
Tuberculosis of Respiratory System ...	5	3	1	3	1	4	1	2
Tuberculous Meningitis	2	1	1	2	...	...	...	...
Tuber. of Intestines and Peritoneum ...	1	...	...	...	...	...	...	...
Other Tuberculous Disease	...	...	...	...	1	...	...	...
Malignant Tumours	1	2	3	4	3	2	3	3
Rheumatic Fever	...	...	...	1	...	...	...	1
Meningitis (not Cerebro-spinal or Tuber.)	...	2	...	...	...	...	...	...
Apoplexy	...	4	8	...	6	1	3	4
Heart Disease	1	1	5	3	3	4	3	3
Diseases of Arteries	...	...	...	...	...	...	...	...
Bronchitis	3	1	1	2	1	1	1	1
Pneumonia (all forms)	2	...	3	...	2	1	2	4
Other Diseases of Respiratory System	...	...	...	...	...	1	...	...
Diarrhœa and Enteritis (under 2 years)	...	...	...	...	1	...	...	1
Appendicitis	...	...	...	...	2	...	...	...
All Diseases of Liver (not Malignant)	1	1	...	...	1	1	...	1
Nephritis, Acute and Chronic... ...	2	1	2	1	2	2	1	1
Puerperal Sepsis	...	...	...	...	...	...	...	...
Other Diseases and Accidents of Pregnancy and Parturition	1	...	...	...	...	...	...	...
Dis. of Early Infancy and Malformations	4	1	1	1	7	3	2	1
Suicide	...	1	...	...	1	...	...	...
Other Violent Deaths	...	...	...	1	...	3	2	2
Other Defined Diseases	5	15	4	7	5	6	8	6
Causes Ill-defined or Unknown ...	...	1	...	2	...	1	...	...
All Causes ...	33	35	30	29	39	31	27	32
AGE AT DEATH.								
Under 1	5	7	3	3	9	3	6	3
1– 4	7	1	...	2	3	2	1	4
5– 9	...	...	1	...	...	1	...	...
10–14	...	1	...	2	...	1	...	1
15–24	2	1	3	4	2	4	...	...
25–34	1	2	...	4	2	...	...	...
35–44	2	2	2	2	...	1	3	1
45–54	2	3	2	...	1	3	3	7
55–64	5	4	4	2	6	5	7	2
65–74	6	8	7	8	11	7	3	10
75–84	3	4	6	2	4	4	2	4
85 and over	...	2	2	...	1	...	2	...
All Ages ...	33	35	30	29	39	31	27	32

ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Made at RENFREW (for GLASGOW), EDINBURGH, DUNDEE, ABERDEEN, PAISLEY, GREENOCK, and PERTH, During the Month of AUGUST 1924.

OBSERVERS.	Height of Station above Sea-level.	BAROMETER. Mean at Station and 32°.	BAROMETER. Mean at Sea-Level and 32°.	AIR TEMPERATURE. Mean of Maximum (A).	AIR TEMPERATURE. Mean of Minimum (B.)	AIR TEMPERATURE. Mean of A and B (Mean Temperature).	AIR TEMPERATURE. Difference from Average, 1881–1915.	AIR TEMPERATURE. Absolute Maximum and Minimum. Maximum.	Day of Month.	Minimum.	Day of Month.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.	RAIN, AND OTHER FORMS OF PRECIPITATION. Number of Days.	Total Fall.	Difference from Average, 1881–1915.	WIND DIRECTIONS. Number of Observations at 9 A.M. and 9 P.M. N	NE	E	SE	S	SW	W	NW	Calm or Variable.
	feet.	inch.	inch.	°	°	°	°	°		°		°	°	inch.	per cent.		inch.	inch.									
RENFREW,* The Meteorological Office.	40	29·637	29·681	61·6	49·4	55·5	−1·6	67	2, 15	38	17th	56·1	2·3	·385	85	22	3·13	−0·78	2	2	1	2	5	14	22	6	8
EDINBURGH; Professor R. A. SAMPSON, F.R.S., Royal Observatory.	441	29·223	29·694	61·1	50·4	55·8	−0·9	66	2, 9, 12	45	27th	54·8	2·9	·350	81	25	3·05	−0·04	1	1	1	1	7	17	23	5	6
DUNDEE, A. MACRAE, Curator of Cemeteries.	164	29·483	29·664	63·1	49·6	56·4	−0·9	70	9th	42	27th	55·7	2·1	·385	87	22	2·88	−0·50	0	3	0	15	0	30	1	13	0
ABERDEEN,* The Meteorological Office.	90	29·517	29·646	61·5	50·8	56·2	−0·1	70	9th	42	27th	55·8	2·3	·381	85	19	2·24	−0·50	2	3	2	2	20	11	7	12	3
PAISLEY, The Coats Observatory.	107	29·561	29·678	62·5	51·2	56·9	−1·6	70	13th	43	17th	56·3	2·7	·377	83	24	3·23	−0·6	0	1	0	3	10	15	15	8	10
GREENOCK,† J. MACALISTER, A.M.Inst., C.E., Greenock Waterworks.	233	29·427	29·681	60·9	51·8	56·4	−0·8	67	13th	47	17, 27	56·4	3·0	·369	81	25	3·80	−1·64	0	1	3	2	8	20	23	5	0
PERTH,† J. RITCHIE, Jr., The Museum.	22	29·647	29·671	62·0	49·4	56·2	−1·1	70	2nd	39	27th	57·5	3·4	·375	79	17	3·58	+0·21	1	0	0	8	8	32	6	7	0
Means	157	29·504	29·674	62·0	50·4	56·2	−1·0	..	..	..	..	56·1	2·7	·375	83	22	3·13	−0·56	1	1	1	5	8	20	14	8	4

North Latitude.—Glasgow, 55° 51′; Edinburgh, 55° 55′; Dundee, 56° 28′; Aberdeen, 57° 9′; Paisley 55° 51′; Leith, 55° 58′ Greenock, 55° 57′; Perth, 56° 23′; Mean, 56° 11′.
West Longitude.—Glasgow, 4° 13′; Edinburgh, 3° 11′; Dundee, 2° 57′; Aberdeen, 2° 7′; Paisley, 4° 27′; Leith, 3° 8′; Greenock, 4° 46′; Perth, 3° 25′; Mean, 3° 32′.

* At 7 A.M. and 6 P.M. † At 9 A.M. only.

EDINBURGH: PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE.
To be purchased directly from H.M. STATIONERY OFFICE at the following addresses:
120, George Street, Edinburgh; Imperial House, Kingsway, London, W.C. 2; 28, Abingdon Street, London, S.W. 1;
York Street, Manchester; or 1, St. Andrew's Crescent, Cardiff;
or through any Bookseller.
Printed under the authority of HIS MAJESTY'S STATIONERY OFFICE
By J. Skinner & Co., Ltd., 27 Thistle Street, Edinburgh.
Price 6d. net.
(4517.) Wt. 10/15. 1150. 9/24. J. S. & Co., LTD. Group 4/16.

FOR OFFICIAL USE.

MONTHLY RETURN

OF THE

BIRTHS, DEATHS, AND MARRIAGES

IN SIXTEEN OF THE PRINCIPAL TOWNS OF

SCOTLAND.

SEPTEMBER 1924.

Published by Authority of the Registrar-General.

REPORT.

During the month of September 1924 there were registered in the Sixteen Principal Towns of Scotland, those burghs which at the date of the 1921 Census had populations of over 30,000, the births of 4350 living children, of whom 2219 were males and 2131 were females. Compared with the numbers in the previous month that of males is 12 fewer and of females 25 fewer. Compared with the numbers for September of last year that of male children is 28 more, but that of female children is 47 less. The total children of the month are 37 fewer than registered in the previous month, 251 fewer than the mean of the numbers of the three preceding months, and 19 fewer than in September of last year.

The monthly birth-rate in these towns taken collectively was 21·4 per thousand. This rate is 0·2 less than that of the previous month, 1·5 less than the mean of those of the three preceding months, and 0·8 less than that of September of last year. In the individual towns the monthly birth-rate ranged from 25·7 in Motherwell and Wishaw, 25·4 in Hamilton, and 23·2 in Glasgow, to 15·8 in Dunfermline, 17·6 in Kirkcaldy, and 17·8 in Paisley. In Dundee this rate was 22·7, in Kilmarnock 22·5, in Ayr 22·1, in Greenock 21·8, in Falkirk 20·9, in Perth 20·3, in Edinburgh 19·8, in Aberdeen 19·7, in Coatbridge 18·7, and in Clydebank 18·2.

Of the 4350 living children registered during the month 4092, or 94·1 per cent., were legitimate, while 258, or 5·9 per cent., were illegitimate. The legitimate children of the month numbered 12 more than in the previous month, and 11 more than in September of last year, but 209 less than the mean of the numbers of the three preceding months. The illegitimate children of the month numbered 49 less than in the previous month, 42 less than the mean of the numbers of the three preceding months, and 30 less than in September of last year. The illegitimate rate is 1·1 less than that of the previous month, 0·6 less than the mean of those of the three preceding months, and 0·7 less than that of September of last year. In the individual towns the illegitimate rate varied from 12·3 per cent. in Perth, 9·1 in Hamilton, and 8·9 in Dundee, to 0 in Kilmarnock and in Coatbridge, 1·4 in Clydebank, 1·6 in Falkirk, and 1·7 in Kirkcaldy. In Glasgow this rate was 6·9, in Edinburgh 5·7, in Aberdeen 5·2, in Ayr 4·4, in Motherwell and Wishaw 3·9, in Dunfermline 3·6, in Paisley 2·3, and in Greenock 2·0.

Marriages registered in these towns during the month numbered 1865. This number is 464 more than that of the previous month, but is 192 less than the mean of those of the three preceding months, and 96 less than that of September of last year. The monthly marriage-rate is 9·2 per thousand. This rate is 2·3 more than that of the previous month, but is 1·0 less than the mean of those of the three preceding months, and 0·8 less than that of September of last year. In the individual towns the marriage-rate of the month varied from 12·5 in Edinburgh, 10·7 in Perth, and 10·6 in Aberdeen, to 4·0 in Clydebank and in Hamilton, and 4·9 in Dunferm-

line. In Glasgow this rate was 9·9, in Falkirk 8·6, in Ayr 8·4, in Kirkcaldy 7·4, in Greenock 6·8, in Motherwell and Wishaw 6·7, in Kilmarnock 6·4, in Dundee 6·3, in Paisley 6·0, and in Coatbridge 5·7.

Deaths registered in these towns during the month numbered 2545, of which 1288 were of males and 1257 of females. These deaths include those of 260 persons with usual residence outwith the town of registration, but do not include those of 160 persons with usual residence in one or other of these towns who died elsewhere in Scotland, and the difference, 100, falls to be deducted to get the corrected number for the month, which is thus found to be 2445. This corrected number includes the deaths of 1225 males and 1220 females. It is 254 more than that of the previous month, 79 more than the mean of those of the three preceding months, and 270 more than that of September of last year.

The monthly death-rate, based on the corrected number of deaths, is 12·0 per thousand. This rate is 1·2 more than that of the previous month, 0·2 more than the mean of those of the three preceding months, and 1·0 more than that of September of last year. In the individual towns the death-rate varied from 15·3 in Perth, 14·3 in Dundee, 13·5 in Edinburgh, and 13·2 in Greenock, to 5·8 in Clydebank, 7·2 in Dunfermline, and 9·1 in Motherwell and Wishaw and in Ayr. In Aberdeen the monthly death-rate was 12·9, in Paisley 12·3, in Kilmarnock 12·2, in Glasgow 12·0, in Falkirk 12·0, in Coatbridge 11·1, in Kirkcaldy 10·0, and in Hamilton 9·8.

Deaths of children of less than one year old numbered 362. These deaths number 7 fewer than in the previous month, but 13 more than the mean of the numbers of the three preceding months, and 38 more than in September of last year. The infantile mortality rate of the month is 79 per thousand of the average number of births registered monthly in these towns during the preceding twelve months. This rate is 2 more than that of the previous month, 6 more than the mean of those of the three preceding months, and 11 more than that of September of last year. In the individual towns the monthly infantile mortality rate varied from 139 in Greenock, 118 in Dundee, and 111 in Perth, to 20 in Motherwell and Wishaw, 34 in Hamilton, 46 in Dunfermline, and 54 in Coatbridge. In Kilmarnock this rate was 90, in Kirkcaldy 88, in Paisley 84, in Clydebank 82, in Edinburgh 79, in Aberdeen 77, in Ayr 75, in Glasgow 74, and in Falkirk 62.

Deaths from the principal epidemic diseases numbered 199, and equalled a death-rate of 1·0 per thousand. These deaths collectively number 30 more than in the previous month, 33 more than the mean of the numbers of the three preceding months, and 50 more than in September of last year. This death-rate is 0·2 more than that of the previous month, and the same amount more than the mean of the rates of the three preceding months, and than the rate of September of last year. These deaths include 1 from enteric fever, 23 from measles, 26 from scarlet fever, 46 from whooping-cough, 27 from diphtheria, and 76 from the diarrhœas of childhood. Compared with the numbers in the previous month, deaths from enteric fever are 1 more, from measles 3 more, from scarlet fever 8 more, from diphtheria 6 more, and from the diarrhœas of childhood 14 more, while those from whooping-cough are 2 fewer.

Deaths from influenza numbered 14. In June these deaths numbered 28, in July 17, and in August 10.

Deaths from encephalitis lethargica numbered 9. In June these deaths numbered 22, in July 10, and in August 7.

Deaths from respiratory diseases, other than phthisis, but exclusive of those associated with influenza, numbered 322. This number is 67 more than that of the previous month, 14 more than the mean of those of the three preceding months, and 67 more than that of September of last year. These 322 deaths include 95 from bronchitis and 195 from pneumonia, the former being 17 and the latter 38 more than in the previous month.

Deaths from all forms of tuberculous disease numbered 213, of which 155 were attributed to tuberculosis of the respiratory system. The former number is 30 less than that of the previous month, and 40 less than the mean of those of the three preceding months, but is 11 more than that of September of last year. The latter number is 7 less than that of the previous month, and 14 less than the mean of those of the three preceding months, but is 16 more than that of September of last year.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

SEPTEMBER 1924.

Mean barometric pressure, 29·672 in.; less than the average of 1881–1915 by 0·276 in.

Mean temperature, 53°·0; less by 0°·6.

Mean daily range of temperature, 12°·2; less by 1°·2.

Rain, depth in inches, 4·57; greater by 1·83 in.

Wind, direction of: a 4 days' excess of south-westerly winds.

Except for a short anticyclonic spell from about 2nd to 5th, pressure distribution was almost continuously of a cyclonic type, and the mean level of the barometer was again abnormally low. On 6th there was a renewal of depressions from the Atlantic, with very heavy rains around 8th. From about 10th to 18th the track of the various disturbances lay to the North of Scotland; on 19th they again began to develop further to the south; and on 28th an elongated tongue of low pressure stretching from Iceland in a south-south-easterly direction was associated with abnormally heavy rains.

During the first few days temperature was rather above the normal, with highest readings for the month very generally on 2nd or 3rd (72° at Achnashellach and Kilmarnock); during the second and third week it was moderate; and towards the end of the month distinctly low (26° at Braemar on 27th). The mean night temperature differed little from the normal, and to a large extent the month shared the general characteristics of the May-August period with days that were frequently cold, and a rather low mean daily range. Over considerable areas the thermometer did not reach 70° on any day of the month.

Until 5th or 6th most districts were rainless or nearly so, whilst on 7th rain set in in southern districts and spread northwards. On 8th abnormally heavy falls were experienced over a great part of Scotland, especially in northern districts, with more than 2 in. at *e.g.* Tongue, Inverness and Aberlour, with some further heavy falls on 9th. The period from 11th to 20th was generally unsettled; heavy falls occurred towards the south-west on 22nd; and very heavy falls in eastern and north-eastern districts on 23rd in a thunderstorm (2·08 in. at Crathes, near Banchory). After two or three fair to fine days there were abnormally heavy falls over a great part of Scotland on 28th and 29th, with moderate falls on 30th. Thus *e.g.* at Arrochar 1·48 in. on 28th was followed by 2·26 in. on 29th. The month's aggregates were decidedly above the normal in all districts, and fully twice the normal in the extreme south-west of Scotland and at *e.g.* Dundee, Aberdeen, Inverness and Tongue. In South Ayrshire the month appears to have been the wettest September since 1879; but elsewhere amounts were in general less than those recorded in 1918 or 1915.

There was a good deal of stormy weather, notably about 17th and 18th. Flooding occurred in the South of Scotland on 8th, and on the 9th very serious flooding in northern districts. At Elgin the river Lossie is reported to have risen within a foot of the level reached during the "Moray Floods" of September 1915.

Thunderstorms were experienced over considerable areas on the evening of 17th and again on the afternoon of 23rd.

There were a few very sunny days, especially early in the month; in many districts sunshine aggregates, despite the large rainfall, were decidedly above the normal; and in all much above those recorded in August.

Aurora was observed in Orkney on 25th and 27th.

Note.—The mean values refer to those of the Principal Towns named in meteorological table on p. 72.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES in the Principal Towns, September 1924.

TOWNS.	POPULATION.		BIRTHS.					MARRIAGES.	DEATHS.					
									REGISTERED			TRANSFERS		
	Census 1921.	Estimated to middle of 1924.	Males.	Females.	Total.	Legitimate.	Illegitimate.		Males.	Females.	Total.	Out.	In.	Total Corrected.
GLASGOW,	1,034,174	1,051,000	1055	946	2001	1862	139	853	543	542	1085	110	63	1038
EDINBURGH,	420,264	427,500	359	359	718	677	41	451	283	230	513	46	22	489
DUNDEE,	168,315	169,600	160	166	326	297	29	91	110	109	219	17	4	206
ABERDEEN,	158,963	159,900	123	144	267	253	14	144	85	98	183	22	13	174
PAISLEY,	84,837	86,700	62	69	131	128	3	44	44	44	88	5	7	90
GREENOCK,	81,123	81,700	81	70	151	148	3	47	43	45	88	1	4	91
MOTHERWELL AND WISHAW,	68,869	70,300	75	78	153	147	6	40	20	24	44	1	11	54
CLYDEBANK,	46,506	46,700	36	36	72	71	1	16	8	9	17	0	6	23
COATBRIDGE,	43,909	45,500	35	37	72	72	0	22	26	15	41	1	3	43
DUNFERMLINE,	39,899	41,200	27	28	55	53	2	17	21	11	32	9	2	25
KIRKCALDY,	39,591	40,200	32	28	60	59	1	25	21	13	34	5	5	34
HAMILTON,	39,420	41,000	43	45	88	80	8	14	10	19	29	3	8	34
KILMARNOCK,	35,911	36,800	40	30	70	70	0	20	20	24	44	10	4	38
AYR,	35,763	36,300	35	33	68	65	3	26	16	19	35	12	5	28
FALKIRK,	33,308	34,400	31	30	61	60	1	25	17	22	39	5	1	35
PERTH,	33,208	33,200	25	32	57	50	7	30	21	33	54	13	2	43
TOTAL (SIXTEEN TOWNS)	2,364,060	2,402,000	2219	2131	4350	4092	258	1865	1288	1257	2545	260	160	2445

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES in the Principal Towns, September 1924.

TOWNS.	Birth-Rate per 1000 of Population.	Illegitimate Birth-Rate per 100 Births.	Marriage-Rate per 1000 of Population.	DEATH-RATES PER 1000 of POPULATION FROM						DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		Principal Epidemic Diseases.	All Tuberculosis.	Tuberc. of Respiratory System.	All Respiratory Diseases.	Number.	* Rate per 1000 Births.
				Registered.	Corr. for Transfers.						
GLASGOW,	23·2	6·9	9·9	12·6	12·0	0·9	1·0	0·8	1·8	159	74
EDINBURGH,	19·8	5·7	12·5	14 2	13·5	1·6	1·2	0·9	1·4	57	79
DUNDEE,	22·7	8 9	6·3	15·2	14·3	1·5	1·4	0·8	2·4	39	118
ABERDEEN,	19·7	5·2	10·6	13·5	12 9	0·7	1·1	0·7	1·4	23	77
PAISLEY,	17·8	2·3	6 0	12·0	12·3	0·4	1·5	1·2	1·2	13	84
GREENOCK,	21·8	2·0	6·8	12 7	13·2	1 6	1·2	0·7	1·0	23	139
MOTHERWELL AND WISHAW,	25·7	3 9	6·7	7·4	9·1	0·5	1·2	1·0	1·0	3	20
CLYDEBANK,	18·2	1·4	4·0	4·3	5·8	0·0	0·5	0·5	0·8	7	82
COATBRIDGE,	18·7	0·0	5·7	10·6	11·1	0·8	1·0	0·8	2·6	5	54
DUNFERMLINE,	15 8	3·6	4·9	9·2	7·2	0·3	0·6	0·0	0·6	3	46
KIRKCALDY,	17·6	1·7	7·4	10·0	10·0	0·3	1·2	0·3	0·9	6	88
HAMILTON,	25·4	9·1	4·0	8·4	9·8	0·3	0·6	0·0	0·9	3	34
KILMARNOCK,	22·5	0·0	6·4	14·1	12·2	0·6	0·6	0·3	2·2	6	90
AYR,	22·1	4·4	8·4	11·4	9·1	0·0	0 0	0·0	0·6	5	75
FALKIRK,	20 9	1·6	8·6	13·4	12 0	0·3	1·4	1·0	1·0	4	62
PERTH,	20·3	12·3	10·7	19·2	15·3	1·4	0·7	0·7	1·8	6	111
TOTAL (SIXTEEN TOWNS)	21·4	5·9	9·2	12·5	12·0	1·0	1·0	0·8	1·6	362	79

* Based on the average number of births registered monthly during the past 12 months.

TABLE III.—BIRTH-RATE, DEATH-RATE, ETC. FOR SEPTEMBER 1924, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

MONTH.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM							*Infantile Mortality Rate.	Mean Temperature. (Seven Towns only.)
					Enteric Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Diarrhœa (Under 2 Years).		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
SEPT. 1924, .	**21·4**	**5·9**	**9·2**	**12·0**	**1**	**0**	**23**	**26**	**46**	**27**	**76**	**79**	**53°·0**
SEPT. 1923, .	22·2	6·6	10·0	11·0	0	0	31	20	26	15	57	68	52°·3
SEPT. 1922, .	23·7	7·7	9·5	10·9	2	0	15	9	32	13	43	65	52°·1
SEPT. 1921, .	27·2	7·1	10·5	12·2	5	0	3	4	23	24	151	96	55°·3
SEPT. 1920, .	26·6	7·5	12·8	12·1	4	12	5	10	10	24	96	73	53°·5
SEPT. 1919, .	24·0	8·4	12·9	11·6	5	0	18	11	21	24	134	113	53°·1
SEPT. 1918, .	17·8	9·0	10·3	11·9	8	0	11	8	32	39	102	92	49°·6
SEPT. 1917, .	18·2	9·7	8·2	11·5	1	0	13	7	61	22	108	95	55°·1
SEPT. 1916, .	22·3	7·2	7·3	13·8	10	0	25	18	21	30	256	125	53°·8
SEPT. 1915, .	22·6	7·0	9·7	13·9	11	0	50	52	17	43	193	120	54°·3
SEPT. 1914, .	25·4	7·1	10·1	16·3	13	0	8	41	62	28	383	161	54°·1

Figures in Columns 5–13 have been corrected for non-resident deaths.
* Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS—September 1924.

CAUSES OF DEATH.	Total.	Males.	Females.	Age.											
				-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85 & over.
Enteric Fever	1	1	–	–	–	–	–	1	–	–	–	–	–	–	–
Typhus Fever	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Small-pox	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Measles	23	12	11	8	15	–	–	–	–	–	–	–	–	–	–
Scarlet Fever	26	13	13	1	17	4	3	1	–	–	–	–	–	–	–
Whooping-cough	46	23	23	26	17	3	–	–	–	–	–	–	–	–	–
Diphtheria	27	17	10	3	14	8	2	–	–	–	–	–	–	–	–
Influenza	14	11	3	2	1	–	–	–	–	3	2	3	–	3	–
Encephalitis Lethargica	9	2	7	–	1	–	1	1	2	3	–	1	–	–	–
Cerebro-spinal Meningitis	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–
Other Epidemic Diseases	7	4	3	1	–	–	–	1	1	–	1	3	–	–	–
Tuberculosis of Respiratory System	155	79	76	1	4	2	4	46	35	22	21	15	4	1	–
Tuberculous Meningitis	18	10	8	1	10	4	1	2	–	–	–	–	–	–	–
Tuberculosis of Intestines and Peritoneum	18	12	6	–	7	1	4	3	–	2	–	1	–	–	–
Other Tuberculous Disease	22	12	10	2	3	–	4	3	1	1	2	2	1	3	–
Malignant Tumours	297	131	166	–	–	–	1	–	6	24	64	94	81	26	1
Rheumatic Fever	4	1	3	–	–	–	–	1	–	3	–	–	–	–	–
Meningitis (not Cer.-spin. or Tuberc.)	22	9	13	7	9	2	1	3	–	–	–	–	–	–	–
Apoplexy	243	113	130	2	–	–	–	1	1	6	14	63	95	52	9
Heart Disease	255	116	139	–	–	–	2	9	10	16	28	51	81	50	8
Diseases of Arteries	41	28	13	–	–	–	–	–	–	2	2	7	13	14	3
Bronchitis	95	48	47	7	4	1	–	–	2	3	9	23	22	21	3
Pneumonia (all forms)	195	98	97	42	43	8	2	5	12	8	16	22	24	11	2
Other Diseases of Respiratory System	32	19	13	1	3	–	–	–	2	1	6	4	9	5	1
Diarrhœa and Enteritis (under 2 years)	76	41	35	66	10	–	–	–	–	–	–	–	–	–	–
Appendicitis	19	12	7	–	2	1	–	8	1	3	3	–	1	–	–
All Diseases of Liver (not Malignant)	20	13	7	–	1	–	–	1	–	2	5	4	4	3	–
Nephritis, Acute and Chronic	64	30	34	1	2	–	1	4	3	10	10	15	12	6	–
Puerperal Sepsis	9	–	9	–	–	–	–	2	5	2	–	–	–	–	–
Other Dis. & Accidents of Preg. & Part.	23	–	23	–	–	–	–	4	11	8	–	–	–	–	–
Diseases of Early Infancy and Malform.	154	89	65	152	2	–	–	–	–	–	–	–	–	–	–
Suicide	17	10	7	–	–	–	1	2	2	4	6	1	1	–	–
Other Violent Deaths	85	61	24	5	4	13	3	11	1	9	12	14	9	3	1
Other Defined Diseases	386	185	201	29	21	9	6	11	16	37	39	46	76	67	29
Causes Ill-defined or Unknown	41	25	16	4	2	–	1	–	1	1	3	9	8	11	1
	2445	1225	1220	362	192	56	37	120	112	170	243	378	441	276	58

DEATHS IN EACH TOWN (corrected for Transfers)—September 1924.

CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
Enteric Fever	1	...	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...	...
Measles	23	2	18	...	1	...	...	...	...
Scarlet Fever	26	8	8	7	...	...	1	1	...
Whooping-cough	46	23	9	2	6	...	4	...	...
Diphtheria	27	7	13	1	3	...	1	...	...
Influenza	14	3	2	3	1	...	2	...	1
Encephalitis Lethargica	9	4	2	...	...	...	1	...	...
Cerebro-spinal Meningitis	1	1	...	...	...	...	...	...	...
Other Epidemic Diseases	7	4	...	...	1	...	...	...	...
Tuberculosis of Respiratory System ...	155	70	31	12	10	9	5	6	2
Tuberculous Meningitis	18	4	3	2	4	2	...	...	...
Tuber. of Intestines and Peritoneum	18	10	2	1	...	...	2	1	...
Other Tuberculous Disease	22	4	6	5	1	...	1	...	...
Malignant Tumours	297	121	72	28	21	7	7	11	1
Rheumatic Fever	4	...	1	...	3	...	...	...	...
Meningitis (not Cerebro-spinal or Tuber.)	22	8	3	2	5	1	2	...	...
Apoplexy	243	105	54	12	12	13	11	4	3
Heart Disease	255	84	52	28	26	13	10	6	2
Diseases of Arteries	41	13	8	4	8	3	...	1	1
Bronchitis	95	45	11	7	8	4	4	3	1
Pneumonia (all forms)	195	95	31	28	8	5	2	2	2
Other Diseases of Respiratory System	32	18	8	...	3	...	1	1	...
Diarrhœa and Enteritis (under 2 years)	76	39	11	11	...	3	5	2	...
Appendicitis	19	7	3	2	...	1	...	2	...
All Diseases of Liver (not Malignant)	20	9	6	2	1	...	...	...	...
Nephritis, Acute and Chronic ...	64	36	8	2	5	4	1	...	...
Puerperal Sepsis	9	8	1	...	...	...	...	...	...
Other Diseases and Accidents of Pregnancy and Parturition	23	10	5	...	1	1	...	...	...
Dis. of Early Infancy and Malformations	154	60	24	15	10	7	12	1	5
Suicide	17	8	7	1	1	...	...	...	...
Other Violent Deaths	85	38	14	4	6	3	4	1	1
Other Defined Diseases	386	172	75	23	27	12	14	12	4
Causes Ill-defined or Unknown ...	41	22	1	4	2	2	1	...	...
All Causes ...	2445	1038	489	206	174	90	91	54	23
AGE AT DEATH.									
Under 1	362	159	57	39	23	13	23	3	7
1– 4	192	81	49	22	13	5	7	1	...
5– 9	56	20	15	4	1	2	2	4	1
10–14	37	15	4	4	3	1	1	1	...
15–24	120	65	10	7	8	5	3	6	...
25–34	112	54	23	5	8	6	3	1	1
35–44	170	68	39	11	16	9	5	5	1
45–54	243	113	48	26	13	10	6	8	3
55–64	378	169	71	37	16	13	14	9	1
65–74	441	181	99	26	31	13	15	11	5
75–84	276	93	59	22	38	11	9	2	4
85 and over	58	20	15	3	4	2	3	3	...
All Ages ...	2445	1038	489	206	174	90	91	54	23

DEATHS IN EACH TOWN (corrected for Transfers)—September 1924—*continued.*

CAUSES OF DEATH.	Coatbridge.	Dunfermline.	Kirkcaldy.	Hamilton.	Kilmarnock.	Ayr.	Falkirk.	Perth.
Enteric Fever	1	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...
Measles	...	1	1	...	...	...	...	...
Scarlet Fever	...	...	...	...	...	...	...	1
Whooping-cough	...	...	...	...	2	...	...	...
Diphtheria	1	...	...	...	...	...	1	...
Influenza...	...	1	...	...	1	...	...	...
Encephalitis Lethargica	...	...	...	...	1	...	...	1
Cerebro-spinal Meningitis	...	...	...	...	...	...	...	...
Other Epidemic Diseases	...	...	...	...	...	...	2	...
Tuberculosis of Respiratory System ...	3	...	1	...	1	...	3	2
Tuberculous Meningitis	...	1	...	1	...	...	1	...
Tuber. of Intestines and Peritoneum ...	1	...	1	...	...	...	...	...
Other Tuberculous Disease	...	1	2	1	1	...	...	...
Malignant Tumours	3	4	6	2	5	3	3	3
Rheumatic Fever	...	...	...	...	...	...	...	...
Meningitis (not Cerebro-spinal or Tuber.)	...	...	...	...	...	1	...	...
Apoplexy	1	7	5	6	3	3	2	2
Heart Disease	2	5	2	9	2	4	4	6
Diseases of Arteries	...	...	...	...	1	1	...	1
Bronchitis	5	1	...	1	1	1	1	2
Pneumonia (all forms)	5	1	2	2	6	1	2	3
Other Diseases of Respiratory System	...	...	1	...	...	...	...	...
Diarrhœa and Enteritis (under 2 years)	1	...	...	1	...	...	...	3
Appendicitis	...	...	...	2	...	...	...	2
All Diseases of Liver (not Malignant)	2	...	...	...	...	...	...	...
Nephritis, Acute and Chronic... ...	1	...	1	1	...	2	3	...
Puerperal Sepsis	...	...	...	...	...	...	...	...
Other Diseases and Accidents of Pregnancy and Parturition	2	...	1	...	1	1	...	1
Dis. of Early Infancy and Malformations	...	1	4	...	4	5	3	3
Suicide	...	...	...	...	...	...	...	...
Other Violent Deaths	6	...	1	2	2	1	1	1
Other Defined Diseases	7	1	6	6	6	4	8	9
Causes Ill-defined or Unknown ...	2	1	...	...	1	1	1	3
All Causes ...	43	25	34	34	38	28	35	43
AGE AT DEATH.								
Under 1	5	3	6	3	6	5	4	6
1– 4	6	...	1	2	3	...	1	1
5– 9	1	...	...	1	...	1	2	2
10–14	...	...	1	1	2	...	2	2
15–24	5	...	1	3	4	...	1	2
25–34	1	...	3	1	...	1	2	3
35–44	3	2	2	2	1	2	2	2
45–54	3	2	2	1	3	1	1	3
55–64	6	6	5	7	6	4	9	5
65–74	7	8	8	8	10	5	6	8
75–84	4	4	5	5	1	9	5	5
85 and over	2	...	...	...	2	...	...	4
All Ages ...	43	25	34	34	38	28	35	43

ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Made at RENFREW (for GLASGOW), EDINBURGH, DUNDEE, ABERDEEN, PAISLEY, GREENOCK, and PERTH, During the Month of SEPTEMBER 1924.

OBSERVERS.	Height of Station above Sea-level.	BAROMETER. Mean at Station and 32°.	BAROMETER. Mean at Sea-Level and 32°.	AIR TEMPERATURE. Mean of Maximum (A).	AIR TEMPERATURE. Mean of Minimum (B.)	AIR TEMPERATURE. Mean of A and B (Mean Temperature).	AIR TEMPERATURE. Difference from Average, 1881–1915.	AIR TEMPERATURE. Absolute Maximum and Minimum. Maximum.	AIR TEMPERATURE. Absolute Maximum and Minimum. Day of Month.	AIR TEMPERATURE. Absolute Maximum and Minimum. Minimum.	AIR TEMPERATURE. Absolute Maximum and Minimum. Day of Month.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Dry Bulb.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Depression of Wet Bulb.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Vapour Pressure.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Humidity.	RAIN, AND OTHER FORMS OF PRECIPITATION. Number of Days.	RAIN, AND OTHER FORMS OF PRECIPITATION. Total Fall.	RAIN, AND OTHER FORMS OF PRECIPITATION. Difference from Average, 1881–1915.	WIND DIRECTIONS. Number of Observations at 9 A.M. and 9 P.M. N	NE	E	SE	S	SW	W	NW	Calm or Variable.
	feet.	inch.	inch.	°	°	°	°	°		°		°	°	inch.	per cent.		inch.	inch.									
RENFREW,* The Meteorological Office.	40	29·635	29·679	58·7	45·5	52·1	−1·4	67	2, 3	29	25 26	51·4	1·8	·333	88	19	4·32	+1·34	0	7	8	2	4	18	12	3	6
EDINBURGH, Professor R. A. SAMPSON, F.R.S., Royal Observatory.	441	29·216	29·691	57·9	47·1	52·5	−0·8	66	8, 17	38	10*th*	51·7	2·4	·322	84	20	2·81	+0·93	0	4	3	3	6	14	14	6	10
DUNDEE, A. MACRAE, Curator of Cemeteries.	164	29·477	29·656	59·8	46·4	53·1	−0·4	69	3*rd*	37	25*th*	51·5	1·9	·331	87	18	4·53	+2·45	0	4	0	12	0	36	0	8	0
ABERDEEN,* The Meteorological Office.	90	29·546	29·646	59·2	46·6	52·9	−0·1	67	3*rd*	35	22*nd*	51·4	1·9	·331	88	18	4·42	+2·20	4	5	2	3	11	11	12	9	3
PAISLEY, The Coats Observatory.	107	29·567	29·685	59·3	47·5	53·4	−1·5	69	2*nd*	37	25, 26	53·2	1·9	·352	87	22	4·84	+1·83	2	4	8	1	7	14	7	3	14
GREENOCK,† J. MACALISTER, A.M.Inst., C.E., Greenock Waterworks.	233	29·435	29·690	57·8	49·1	53·5	−0·3	67	1*st*	40	10*th*	53·3	2·7	·333	82	23	7·41	+2·66	0	1	17	0	3	17	22	0	0
PERTH,† J. RITCHIE, The Museum.	22	29·633	29·657	60·8	46·2	53·5	+0·2	70	2*nd*	30	25*th*	53·5	3·0	·329	80	15	3·64	+1·41	1	10	3	3	1	32	6	4	0
Means	157	29·501	29·672	59·1	46·9	53·0	−0·6	..	..	..	..	52·3	2·2	·333	85	19	4·57	+1·83	1	5	6	3	5	20	10	5	5

North Latitude.—Glasgow, 55° 51′; Edinburgh, 55° 55′; Dundee, 56° 28′; Aberdeen, 57° 9′; Paisley 55° 51′; Leith, 55° 58′ Greenock, 55° 57′; Perth, 56° 23′; Mean, 56° 11′.
West Longitude.—Glasgow, 4° 13′; Edinburgh, 3° 11′; Dundee, 2° 57′; Aberdeen, 2° 7′; Paisley, 4° 27′; Leith, 3° 8′; Greenock, 4° 46′; Perth, 3° 25′; Mean, 3° 32′.

* At 7 A.M. and 6 P.M. † At 9 A.M. only.

EDINBURGH: PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE.
To be purchased directly from H. M. STATIONERY OFFICE at the following addresses:
120, George Street, Edinburgh; Adastral House, Kingsway, London, W.C. 2; 28, Abingdon Street, London, S.W. 1;
York Street, Manchester; or 1, St. Andrew's Crescent, Cardiff;
or through any Bookseller.
Printed under the authority of HIS MAJESTY'S STATIONERY OFFICE
By J. Skinner & Co., Ltd., 27 Thistle Street, Edinburgh.
Price 6d. net.
(4580.) Wt. 10/15 1150. 10/24. J. S. & Co., LTD. Group 4/16

FOR OFFICIAL USE.

MONTHLY RETURN

OF THE

BIRTHS, DEATHS, AND MARRIAGES

IN SIXTEEN OF THE PRINCIPAL TOWNS OF

SCOTLAND.

OCTOBER 1924.

Published by Authority of the Registrar-General.

REPORT.

During the month of October 1924 there were registered in the Sixteen Principal Towns of Scotland, those burghs which at the date of the 1921 Census had populations of over 30,000, the births of 4725 living children, of whom 2443 were males and 2282 were females. Compared with the numbers in the previous month that of male children is 224 more and of female children 151 more. Compared with the mean of the numbers of the three preceding months that of male children is 158 more and of female children 110 more, but compared with the numbers of October of last year that of male children is 88 less and that of female children 136 less. The total children of the month numbered 375 more than in the previous month, and 267 more than the mean of the numbers of the three preceding months, but 224 fewer than in October of last year.

The monthly birth-rate in these towns taken collectively was 23·2 per thousand. It is 1·8 more than that of the previous month, and 1·3 more than the mean of those of the three preceding months, but is 1·1 less than that of October of last year. In the individual towns the monthly birth-rate varied from 29·5 in Coatbridge, 27·4 in Hamilton, and 24·6 in Glasgow, to 17·1 in Perth, 17·8 in Dunfermline, and 19·6 in Motherwell and Wishaw and in Falkirk. In Aberdeen this rate was 23·9, in Kilmarnock 23·7, in Kirkcaldy 23·5, in Paisley 23·3, in Greenock 23·0, in Ayr 22·7, in Clydebank 22·2, in Dundee 22·1, and in Edinburgh 21·0.

Of the 4725 living children registered during the month 4398, or 92·9 per cent., were legitimate, while 327, or 7·1 per cent., were illegitimate. The legitimate children of the month numbered 306 more than in the previous month, and 229 more than the mean of the numbers of the three preceding months, but are 232 fewer than in October of last year. The illegitimate children of the month numbered 69 more than in the previous month, 38 more than the mean of the numbers of the three preceding months, and 8 more than in October of last year. The illegitimate rate is 1·0 more than in the previous month, 0·4 more than the mean of those of the three preceding months, and 0·5 more than that of October of last year. In the individual towns the illegitimate rate varied from 17·1 per cent. in Ayr, 12·2 in Kilmarnock, and 9·1 in Edinburgh, to 2·6 in Motherwell and Wishaw, 3·5 in Falkirk, 4·1 in Paisley, and 4·2 in Perth. In Aberdeen this rate was 8·7 per cent., in Dundee 6·6, in Glasgow 6·5, in Kirkcaldy 6·3, in Coatbridge 6·1, in Hamilton 5·3, in Greenock 5·0, in Dunfermline 4·8, and in Clydebank 4·5.

Marriages registered in these towns during the month numbered 1440. This number is 425 less than that of the previous month, 488 less than the mean of those of the three preceding months, and 268 less than that of October of last year. The monthly marriage-rate was 7·1 per thousand, which is 2·1 less than that of the previous month, 2·4 less than the mean of those of the three preceding months, and 1·3 less than that of October of last year. In the individual towns the monthly marriage-rate varied from 10·7 in Perth, 7·9 in Dundee, and 7·8 in Glasgow and in

Aberdeen, to 2·5 in Clydebank, 2·6 in Coatbridge, 3·9 in Motherwell and Wishaw, and 4·2 in Paisley. In Falkirk this rate was 7·6, in Edinburgh 7·2, in Kilmarnock 7·1, in Dunfermline 6·3, in Hamilton 6·3, in Kirkcaldy 5·9, in Ayr 5·8, and in Greenock 5·6.

Deaths registered in these towns numbered 2676, 1344 being of males and 1332 of females. These deaths included those of 298 persons with usual residence outwith the town of registration, but did not include those of 158 persons who though dying elsewhere in Scotland had residence in one or other of these towns, and the difference, 140, falls to be deducted to get the corrected number of the month, which is thus found to be 2536. This corrected number includes the deaths of 1262 males and 1275 females. It is 91 more than that of the previous month, 194 more than the mean of those of the three preceding months, and 180 more than that of October of last year.

The monthly death-rate, based on the corrected number of deaths, was 12·5 per thousand, which is 0·5 more than that of the previous month, 1·0 more than the mean of those of the three preceding months, and 0·9 more than that of October of last year. In the individual towns the monthly death-rate varied from 15·1 in Kilmarnock, 14·5 in Coatbridge, and 14·1 in Dundee and in Aberdeen, to 7·6 in Clydebank, 9·7 in Kirkcaldy, 10·0 in Falkirk, 10·1 in Motherwell and Wishaw, and 10·3 in Dunfermline. In Greenock this rate was 13·4, in Edinburgh 13·1, in Perth 12·5, in Glasgow 12·3, in Hamilton 11·5, in Ayr 11·0, and in Paisley 10·8.

Deaths of children of less than one year old numbered 381. These deaths are 19 more than in the previous month, 33 more than the mean of the numbers of the three preceding months, and 55 more than in October of last year. The infantile mortality rate is 80 per thousand of the average number of births registered monthly in these towns during the preceding twelve months. This rate is 1 more than that of the previous month, 6 more than the mean of those of the three preceding months, and 14 more than in October of last year. In the individual towns the monthly infantile mortality rate varied from 135 in Hamilton, 115 in Dundee, 111 in Perth, and 109 in Aberdeen, to 44 in Ayr, 45 in Falkirk, and 46 in Motherwell and Wishaw. In Greenock this death rate was 107, in Kirkcaldy 99, in Coatbridge 82, in Paisley 81, in Glasgow 75, in Dunfermline 75, in Kilmarnock 72, in Edinburgh 70, and in Clydebank 58.

Deaths from the principal epidemic diseases numbered 171, and equalled a death-rate from these causes of 0·8 per thousand. These deaths collectively number 28 fewer than in the previous month, and 4 less than the mean of the numbers of the three preceding months, but are 17 more than in October of last year. This death-rate is 0·2 less than that of the previous month, and 0·1 less than the mean of those of the three preceding months, but is the same as in October of last year. These deaths include 1 from enteric fever, 21 from measles, 27 from scarlet fever, 47 from whooping-cough, 19 from diphtheria, and 56 from the diarrhœas of childhood. Compared with the numbers in the previous month, deaths from the diarrhœas of childhood are 20 fewer, from diphtheria 8 fewer, and from measles 2 fewer, while those from enteric fever are the same, those from scarlet fever 1 more, and those from whooping-cough 1 more.

Deaths from influenza numbered 30. In July these deaths numbered 17, in August 10, and in September 14.

Deaths from respiratory diseases, other than phthisis, but exclusive of those associated with influenza, numbered 390. This number is 68 more than that of the previous month, 100 more than the mean of those of the three preceding months, and 77 more than that of October of last year. These 390 deaths include 134 from bronchitis and 226 from pneumonia, the former being 39 and the latter 31 more than in the previous month.

Deaths from all forms of tuberculous disease numbered 210, of which 148 were attributed to tuberculosis of the respiratory system. The former number is 3 less than that of the previous month, 25 less than the mean of those of the three preceding months, and 19 less than that of October of last year. The latter number is 7 less than that of the previous month, 9 less than the mean of those of the three preceding months, and 17 less than that of October of last year.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

OCTOBER 1924.

Mean barometric pressure, 29·792 in.; less than the average of 1881–1915 by 0·056 in.

Mean temperature, 48°·0; greater by 0°·7.

Mean daily range of temperature, 10°·5; less by 1°·0.

Rain, depth in inches, 3·59; greater by 0·20 in.

Wind, direction of: a 4 days' excess of south-westerly winds.

Except for an anticyclonic spell from about 14th to 18th, conditions were mostly of a cyclonic type. More notably, a depression which moved northwards from the Bay of Biscay to the Orkneys between 4th and 6th was associated with heavy rains on 5th in the east and north of Scotland. The month was the seventh in succession with a mean pressure below the normal; but the deficiency was comparatively slight, and the mean 0·25 in. above that for October 1923.

A recovery from the cold of the closing days of September was followed by moderate temperatures; and a recovery during the anticyclonic period, by a sharp drop on 20th. The month closed with mild unsettled weather. In general the mean temperature showed an excess, slight as a rule, but considerable in Shetland. The nights were relatively mild; and the mean daily range again low. Temperature was highest,—in the east on 3rd and 4th, but elsewhere as a rule on 14th (72° at Kilmarnock); and lowest very generally on night of 7th-8th (21° at Braemar).

From 1st to 4th rainfall was hardly anywhere important; but on 5th continuous rain in east and north yielded amounts of 2 in. or more around the upper end of the Moray Firth, in parts of Banffshire and Kincardineshire, and over a considerable part of a coastal strip stretching from Arbroath to Dunbar. A very extensive area had at least 1 in., but the western limit of the rainstorm was well marked, running, roughly, down the centre of Scotland, and in south and south-west little or no rain fell. On 6th moderate rains had spread to the west; but by 12th conditions had become stable and remained largely so for about two weeks, except for moderate to heavy falls about 18th and 19th. On 26th rain was general in the south-east, spreading gradually to nearly all districts. Relatively to the normal aggregates varied considerably. Areas of excess hardly extended beyond the Moray Firth region, Forfarshire, eastern Fife, and the Lothians; and considerable areas in the west had only three quarters or less of the normal. An aggregate of 4·72 in. at Dundee represented 177 per cent. of the normal, and compared with 2·14 in. (or 48 per cent.) at Colmonell in South Ayrshire.

Wind force was mostly light to moderate; but high on 5th and 6th, with a gale in Shetland. Fog was rather frequent, especially about the middle of the month,—very densely in the Firths of Forth and Tay from 13th to 16th. Flooding occurred on 6th; snow in some mountainous districts on 8th, and at Baltasound (Shetland) on 20th and 21st.

A thunderstorm occurred in the Dumfries district on 6th; lightning in Orkney on 6th, and at Kelso on evening of 31st.

There was some very dull weather; but with general sunshine from 6th to 13th, and on 17th, 24th, and one or two other days, sunshine aggregates differed little from the normal and here and there exceeded it.

Aurora was observed at Gordon Castle and in Orkney and Shetland on 23rd; at Roshven (Inverness-shire) on 25th; and at Baltasound (Shetland) on 31st.

NOTE.—The mean values refer to those of the Principal Towns named in meteorological table on p. 80.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES in the Principal Towns, October 1924.

TOWNS.	POPULATION.		BIRTHS.					MARRIAGES.	DEATHS.					
									REGISTERED			TRANSFERS		
	Census 1921.	Estimated to middle of 1924.	Males.	Females.	Total.	Legitimate.	Illegitimate.		Males.	Females.	Total.	Out.	In.	Total Corrected.
GLASGOW,	1,034,174	1,051,000	1148	1042	2190	2048	142	691	583	580	1163	122	57	1098
EDINBURGH,	420,264	427,500	398	362	760	691	69	261	267	258	525	67	15	473
DUNDEE,	168,315	169,600	165	152	317	296	21	113	99	111	210	13	5	202
ABERDEEN,	158,963	159,900	163	160	323	295	28	106	89	113	202	33	22	191
PAISLEY,	84,837	86,700	89	82	171	164	7	31	44	44	88	9	0	79
GREENOCK,	81,123	81,700	81	78	159	151	8	39	48	48	96	6	3	93
MOTHERWELL AND WISHAW,	68,869	70,300	51	66	117	114	3	23	28	22	50	0	10	60
CLYDEBANK,	46,506	46,700	42	46	88	84	4	10	11	9	20	2	12	30
COATBRIDGE,	43,909	45,500	60	54	114	107	7	10	26	22	48	0	8	56
DUNFERMLINE,	39,899	41,200	37	25	62	59	3	22	20	20	40	6	2	36
KIRKCALDY,	39,591	40,200	42	38	80	75	5	20	20	13	33	4	4	33
HAMILTON,	39,420	41,000	47	48	95	90	5	22	15	19	34	1	7	40
KILMARNOCK,	35,911	36,800	31	43	74	65	9	22	27	23	50	8	5	47
AYR,	35,763	36,300	34	36	70	58	12	18	22	16	38	8	4	34
FALKIRK,	33,308	34,400	29	28	57	55	2	22	13	18	31	4	2	29
PERTH,	33,208	33,200	26	22	48	46	2	30	32	16	48	15	2	35
TOTAL (SIXTEEN TOWNS)	2,364,060	2,402,000	2443	2282	4725	4398	327	1440	1344	1332	2676	298	158	2536

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES in the Principal Towns, October 1924.

TOWNS.	Birth-Rate per 1000 of Population.	Illegitimate Birth-Rate per 100 Births.	Marriage-Rate per 1000 of Population.	DEATH-RATES PER 1000 of POPULATION FROM						DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		Principal Epidemic Diseases.	All Tuberculosis.	Tuberc. of Respiratory System.	All Respiratory Diseases.	Number.	* Rate per 1000 Births.
				Registered.	Corr. for Transfers.						
GLASGOW,	24·6	6·5	7·8	13·1	12·3	0·7	1·0	0·7	2·4	165	75
EDINBURGH,	21·0	9·1	7·2	14·5	13·1	1·2	1·1	1·0	1·5	52	70
DUNDEE,	22·1	6·6	7·9	14·6	14·1	1·6	0·8	0·3	1·9	39	115
ABERDEEN,	23·9	8·7	7·8	14·9	14·1	1·1	1·3	0·8	2·0	33	109
PAISLEY,	23·3	4·1	4·2	12·0	10·8	0·3	0·4	0·4	1·4	13	81
GREENOCK,	23·0	5·0	5·6	13·9	13·4	0·9	1·2	0·6	2·0	18	107
MOTHERWELL AND WISHAW,	19·6	2·6	3·9	8·4	10·1	0·5	0·7	0·5	1·7	7	46
CLYDEBANK,	22·2	4·5	2·5	5·1	7·6	0·3	1·3	0·5	1·0	5	58
COATBRIDGE,	29·5	6·1	2·6	12·4	14·5	1·8	0·8	0·5	2·9	8	82
DUNFERMLINE,	17·8	4·8	6·3	11·5	10·3	0·9	1·1	0·9	0·6	5	75
KIRKCALDY,	23·5	6·3	5·9	9·7	9·7	0·0	1·2	1·2	0·9	7	99
HAMILTON,	27·4	5·3	6·3	9·8	11·5	0·6	1·2	0·3	1·2	12	135
KILMARNOCK,	23·7	12·2	7·1	16·0	15·1	0·3	1·3	1·0	1·6	5	72
AYR,	22·7	17·1	5·8	12·3	11·0	0·6	0·6	0·6	1·0	3	44
FALKIRK,	19·6	3·5	7·6	10·6	10·0	0·0	1·0	1·0	0·3	3	45
PERTH,	17·1	4·2	10·7	17·1	12·5	0·4	1·4	1·1	0·7	6	111
TOTAL (SIXTEEN TOWNS)	23·2	6·9	7·1	13·2	12·5	0·8	1·0	0·7	1·9	381	80

* Based on the average number of births registered monthly during the past 12 months.

TABLE III.—BIRTH-RATE, DEATH-RATE, ETC. FOR OCTOBER 1924, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

MONTH.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM							*Infantile Mortality Rate.	Mean Temperature. (Seven Towns only.)
					Enteric Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Diarrhœa (Under 2 Years).		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
OCT. 1924, .	**23·2**	**6·9**	**7·1**	**12·5**	**1**	**0**	**21**	**27**	**47**	**19**	**56**	**80**	**48°·0**
OCT. 1923, .	24·3	6·4	8·4	11·6	0	0	46	24	18	20	46	66	47°·9
OCT. 1922, .	23·7	7·3	8·3	11·9	3	0	31	18	22	19	56	77	46°·5
OCT. 1921, .	26·8	7·5	8·6	12·7	2	0	1	12	20	21	115	89	52·7
OCT. 1920, .	27·9	7·9	9·5	12·8	5	9	4	13	15	29	90	90	49°·1
OCT. 1919, .	29·7	7·5	10·8	11·9	6	0	18	18	14	43	57	92	46°·8
OCT. 1918, .	22·1	9·1	9·7	23·7	5	0	8	12	63	48	62	138	48°·0
OCT. 1917, .	20·3	8·6	7·8	12·4	6	0	31	11	52	38	90	99	43°·9
OCT. 1916, .	23·5	8·4	7·2	14·0	14	0	49	26	13	33	155	113	47°·9
OCT. 1915, .	22·4	6·5	8·3	15·6	10	0	67	74	12	47	172	140	46·9
OCT. 1914, .	27·0	7·1	7·0	15·1	22	0	7	63	45	75	171	123	49°·3

Figures in Columns 5–13 have been corrected for non-resident deaths.
* Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS—October 1924.

CAUSES OF DEATH.	Total.	Males.	Females.	Age.											
				-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85 & over.
Enteric Fever	1	–	1	–	–	–	–	–	–	1	–	–	–	–	–
Typhus Fever	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Small-pox	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Measles	21	9	12	5	15	1	–	–	–	–	–	–	–	–	–
Scarlet Fever	27	13	14	3	15	9	–	–	–	–	–	–	–	–	–
Whooping-cough	47	16	31	21	26	–	–	–	–	–	–	–	–	–	–
Diphtheria	19	13	6	–	15	1	1	2	–	–	–	–	–	–	–
Influenza	30	11	19	–	1	–	1	2	3	4	5	3	6	4	1
Encephalitis Lethargica	6	3	3	–	–	–	1	1	–	2	1	–	1	–	–
Cerebro-spinal Meningitis	1	–	1	–	–	1	–	–	–	–	–	–	–	–	–
Other Epidemic Diseases	7	3	4	3	–	–	–	–	1	1	2	–	–	–	–
Tuberculosis of Respiratory System	148	78	70	1	3	1	4	30	46	24	21	9	8	1	–
Tuberculous Meningitis	27	13	14	3	18	2	1	1	1	–	1	–	–	–	–
Tuberculosis of Intestines and Peritoneum	11	8	3	1	6	–	2	2	–	–	–	–	–	–	–
Other Tuberculous Disease	24	9	15	3	4	–	5	5	2	3	1	1	–	–	–
Malignant Tumours	273	127	146	–	–	–	–	3	5	19	55	85	79	22	5
Rheumatic Fever	9	1	8	–	–	–	–	2	2	1	2	–	–	2	–
Meningitis (not Cer.-spin. or Tuberc.)	25	10	15	13	7	1	–	1	–	2	–	1	–	–	–
Apoplexy	205	86	119	2	–	–	–	–	3	2	17	53	70	49	9
Heart Disease	284	132	152	2	–	–	3	13	14	25	29	56	86	43	13
Diseases of Arteries	33	22	11	–	–	–	–	–	1	–	3	6	6	16	1
Bronchitis	134	77	57	14	5	2	–	1	2	4	16	23	33	26	8
Pneumonia (all forms)	226	128	98	41	34	4	9	12	12	11	16	25	34	27	1
Other Diseases of Respiratory System	30	12	18	1	2	1	1	1	2	4	2	7	4	3	2
Diarrhœa and Enteritis (under 2 years)	56	32	24	46	10	–	–	–	–	–	–	–	–	–	–
Appendicitis	20	10	10	–	1	3	2	2	2	3	3	2	1	1	–
All Diseases of Liver (not Malignant)	20	11	9	–	–	–	1	–	1	–	5	7	4	2	–
Nephritis, Acute and Chronic	95	50	45	–	2	1	1	3	3	7	20	26	23	9	–
Puerperal Sepsis	11	–	11	–	–	–	–	3	8	–	–	–	–	–	–
Other Dis. & Accidents of Preg. & Part.	27	–	27	–	–	–	–	6	15	6	–	–	–	–	–
Diseases of Early Infancy and Malform.	178	102	76	178	–	–	–	–	–	–	–	–	–	–	–
Suicide	14	13	2	–	–	–	–	–	3	3	6	–	2	–	–
Other Violent Deaths	100	72	28	7	13	4	9	7	8	9	13	14	4	10	2
Other Defined Diseases	381	177	204	33	15	5	4	9	12	34	32	49	66	95	27
Causes Ill-defined or Unknown	46	24	22	4	1	–	–	5	2	3	5	9	11	6	–
	2536	1262	1275	381	193	36	45	111	148	168	255	376	438	316	69

DEATHS IN EACH TOWN (corrected for Transfers)– October 1924.

CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
Enteric Fever	1	...	...	...	...	...	1	...	...
Typhus Fever	...	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...	...
Measles	21	...	14	6	1	...	...	...	...
Scarlet Fever	27	7	8	3	...	...	...	1	...
Whooping-cough	47	15	12	2	11	1	5	...	...
Diphtheria	19	8	5	4	1	...	...	1	...
Influenza	30	8	5	...	8	...	...	1	...
Encephalitis Lethargica	6	2	2	2	...	...	...	...	...
Cerebro-spinal Meningitis	1	1	...	...	...	...	...	...	...
Other Epidemic Diseases	7	4	...	...	...	...	...	1	1
Tuberculosis of Respiratory System ...	148	64	35	5	11	3	4	3	2
Tuberculous Meningitis	27	15	2	1	5	...	1	1	1
Tuber. of Intestines and Peritoneum	11	6	...	1	1	...	...	...	1
Other Tuberculous Disease	24	8	3	4	1	...	3	...	1
Malignant Tumours	273	116	45	28	22	11	9	9	2
Rheumatic Fever	9	3	3	1	1	...	...	1	...
Meningitis (not Cerebro-spinal or Tuber.)	25	9	2	3	1	...	3	1	2
Apoplexy	205	82	52	12	10	7	5	5	6
Heart Disease	284	107	66	27	21	6	13	6	1
Diseases of Arteries	33	10	10	2	2	1	3	...	...
Bronchitis	134	63	21	13	10	3	5	5	1
Pneumonia (all forms)	226	137	27	13	10	7	8	5	1
Other Diseases of Respiratory System	30	12	7	1	7	...	1	...	2
Diarrhœa and Enteritis (under 2 years)	56	32	4	8	2	1	...	1	1
Appendicitis	20	10	6	1	...	...	...	...	...
All Diseases of Liver (not Malignant)	20	7	7	...	1	1	1	...	1
Nephritis, Acute and Chronic ...	95	54	17	4	1	5	4	4	1
Puerperal Sepsis	11	8	1	...	...	...	...	...	...
Other Diseases and Accidents of Pregnancy and Parturition	27	10	4	4	3	...	...	1	1
Dis. of Early Infancy and Malformations	178	65	33	16	15	11	8	4	1
Suicide	14	8	1	1	2	1	...	...	...
Other Violent Deaths	100	42	16	7	12	4	2	1	1
Other Defined Diseases	381	166	63	25	31	14	12	9	2
Causes Ill-defined or Unknown ...	46	19	2	8	1	3	5	...	1
All Causes ...	2536	1098	473	202	191	79	93	60	30
AGE AT DEATH.									
Under 1	381	165	52	39	33	13	18	7	5
1– 4	193	87	33	18	19	2	5	5	2
5– 9	36	14	12	4	1	...	...	1	...
10–14	45	21	6	3	1	1	3	2	...
15–24	111	53	18	9	6	2	5	4	2
25–34	148	69	27	11	7	5	3	2	2
35–44	168	85	29	6	7	4	10	5	3
45–54	255	118	41	13	24	12	14	7	2
55–64	376	169	67	26	24	13	11	15	7
65–74	438	188	88	35	33	12	14	5	4
75–84	316	108	78	36	27	12	8	5	3
85 and over	69	21	22	2	9	3	2	2	...
All Ages ...	2536	1098	473	202	191	79	93	60	30

DEATHS IN EACH TOWN (corrected for Transfers)—October 1924—*continued.*

CAUSES OF DEATH.	Coatbridge.	Dunfermline.	Kirkcaldy.	Hamilton.	Kilmarnock.	Ayr.	Falkirk.	Perth.
Enteric Fever	...	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	...	...	...
Scarlet Fever	5	...	...	...	1	1	...	1
Whooping-cough	...	1	...	...	...	...	...	...
Diphtheria	...	...	...	...	...	...	...	...
Influenza...	1	2	1	1	3	...	...	...
Encephalitis Lethargica	...	...	...	...	...	...	...	...
Cerebro-spinal Meningitis	...	...	...	...	...	...	...	...
Other Epidemic Diseases	...	...	...	...	1	...	...	...
Tuberculosis of Respiratory System ...	2	3	4	1	3	2	3	3
Tuberculous Meningitis	...	...	...	1	...	...	...	...
Tuber. of Intestines and Peritoneum ...	1	...	...	...	1	...	...	...
Other Tuberculous Disease	...	1	...	2	...	...	...	1
Malignant Tumours	5	4	3	6	6	2	3	2
Rheumatic Fever	...	...	...	...	...	...	...	...
Meningitis (not Cerebro-spinal or Tuber.)	1	2	...	1	...	...	...	...
Apoplexy	2	4	5	3	5	1	6	...
Heart Disease	5	6	6	4	2	4	4	6
Diseases of Arteries	1	...	...	...	...	...	...	1
Bronchitis	4	...	1	1	4	1	...	2
Pneumonia (all forms)	7	2	2	3	1	2	1	...
Other Diseases of Respiratory System	...	...	...	...	...	...	...	...
Diarrhœa and Enteritis (under 2 years)	2	2	...	2	...	1	...	...
Appendicitis	1	...	...	...	2	...	...	...
All Diseases of Liver (not Malignant)	...	1	...	...	...	1	...	...
Nephritis, Acute and Chronic... ...	...	1	1	1	...	1	...	1
Puerperal Sepsis	...	..	...	1	...	...	1	...
Other Diseases and Accidents of Pregnancy and Parturition	1	...	1	...	1	...	1	...
Dis. of Early Infancy and Malformations	4	...	5	6	3	1	1	5
Suicide	...	...	...	1	...	...	...	...
Other Violent Deaths	5	1	1	1	1	3	2	1
Other Defined Diseases	9	6	2	5	12	9	7	9
Causes Ill-defined or Unknown ...	...	...	1	...	1	5	...	...
All Causes ...	56	36	33	40	47	34	29	35
AGE AT DEATH.								
Under 1	8	5	7	12	5	3	3	6
1– 4	10	2	...	2	2	2	1	3
5– 9	2	...	1	...	1	...	...	...
10–14	2	3	...	2	1	...	...	...
15–24	2	1	1	1	5	1	1	...
25–34	4	1	4	3	4	1	3	2
35–44	3	2	1	...	5	7	1	...
45–54	5	1	1	3	3	3	4	4
55–64	9	4	5	8	8	4	3	3
65–74	8	9	8	5	8	5	8	8
75–84	3	5	3	4	4	7	4	9
85 and over	...	3	2	...	1	1	1	...
All Ages ...	56	36	33	40	47	34	29	35

ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Made at Renfrew (for Glasgow), Edinburgh, Dundee, Aberdeen, Paisley, Greenock, and Perth, During the Month of October 1924.

OBSERVERS.	Height of Station above Sea-level.	BAROMETER. Mean at Station and 32°.	BAROMETER. Mean at Sea-Level and 32°.	AIR TEMPERATURE. Mean of Maximum (A).	AIR TEMPERATURE. Mean of Minimum (B.)	AIR TEMPERATURE. Mean of A and B (Mean Temperature).	AIR TEMPERATURE. Difference from Average, 1881–1915.	AIR TEMPERATURE. Absolute Maximum and Minimum. Maximum.	Day of Month.	Minimum.	Day of Month.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.	RAIN, AND OTHER FORMS OF PRECIPITATION. Number of Days.	Total Fall.	Difference from Average, 1881–1915.	WIND DIRECTIONS. Number of Observations at 9 A.M. and 9 P.M. N	NE	E	SE	S	SW	W	NW	Calm or Variable.
	feet.	inch.	inch.	°	°	°	°	°		°		°	°	inch.	per cent.		inch.	inch.									
RENFREW,* The Meteorological Office.	40	29·747	29·791	53·8	41·5	47·6	+0·2	59	4, 20	29	8th	46·1	0·9	·291	93	17	3·13	−0·27	0	9	7	12	4	10	7	2	11
EDINBURGH, Professor R. A. Sampson, F.R.S., Royal Observatory.	441	29·330	29·811	52·2	43·3	47·8	+0·4	59	4th	37	22, 25	47·2	1·2	·295	92	25	3·39	+0·79	0	4	2	6	4	15	8	2	21
DUNDEE, A. Macrae, Curator of Cemeteries.	164	29·594	29·775	52·1	41·9	47·0	+0·3	59	3, 4	33	8, 22	46·3	1·4	·281	90	19	4·72	+2·06	0	7	0	16	0	35	0	4	0
ABERDEEN,* The Meteorological Office.	90	29·680	29·781	53·2	43·6	48·4	+1·1	60	12th	32	22nd	47·3	1·7	·285	88	15	2·96	−0·04	4	0	1	6	16	18	8	9	0
PAISLEY, The Coats Observatory.	107	29·675	29·794	54·0	43·5	48·8	+0·4	62	4th	34	8, 22	48·4	1·7	·298	88	21	3·26	−0·48	0	3	5	6	8	10	8	2	20
GREENOCK,† J. MacAlister, A.M.Inst., C.E., Greenock Waterworks.	233	29·550	29·807	53·1	44·5	48·8	+1·3	58	4th	37	22, 25	47·9	1·8	·289	88	19	4·07	−1·31	0	1	22	3	2	12	22	0	0
PERTH,† J. Ritchie, The Museum.	22	29·760	29·784	54·1	40·4	47·3	+0·9	62	3, 4	29	22, 24	46·4	1·5	·280	89	17	3·62	+0·67	2	2	2	18	8	26	2	2	0
Means	157	29·619	29·792	53·2	42·7	48·0	+0·7	..	..	..	..	47·1	1·5	·288	90	19	3·59	+0·20	1	4	5	10	6	18	8	3	7

North Latitude.—Renfrew, 55° 52′; Edinburgh, 55° 55′; Dundee, 56° 28′; Aberdeen, 57° 9′; Paisley 55° 51′; Greenock, 55° 57′; Perth, 56° 23′; Mean, 56° 14′.
West Longitude.—Renfrew, 4° 24′; Edinburgh, 3° 11′; Dundee, 2° 57′; Aberdeen, 2° 7′; Paisley, 4° 27′; Greenock, 4° 46′; Perth, 3° 25′; Mean, 3° 37′.

* At 7 A.M. and 6 P.M. † At 9 A.M. only.

EDINBURGH: PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE.
To be purchased directly from H. M. Stationery Office at the following addresses: 120, George Street, Edinburgh; Adastral House, Kingsway, London, W.C. 2; 28, Abingdon Street, London, S.W. 1; York Street, Manchester; or 1, St. Andrew's Crescent, Cardiff; or through any Bookseller.
Printed under the authority of His Majesty's Stationery Office By J. Skinner & Co., Ltd., 27 Thistle Street, Edinburgh.
Price 6d. net.
(4660.) Wt. 10/15 1150. 11/24 J. S. & Co., Ltd. Group 4/16

FOR OFFICIAL USE.

MONTHLY RETURN

OF THE

BIRTHS, DEATHS, AND MARRIAGES

IN SIXTEEN OF THE PRINCIPAL TOWNS OF

SCOTLAND.

NOVEMBER 1924.

Published by Authority of the Registrar-General.

REPORT.

During the month of November 1924 there were registered in the Sixteen Principal Towns of Scotland, those burghs which at the date of the 1921 Census had populations of over 30,000, the births of 4164 living children, of whom 2195 were males, and 1969 were females. Compared with the number registered in the previous month that of male children is 248 less and of female children 313 less. Compared with the mean of the numbers registered in the three preceding months that of male children is 102 less and of female children 221 less, and compared with that of November of last year that of male children is 75 less and of female children 259 less. The total children of the month numbered 561 less than in the previous month, 323 less than the mean of the numbers of the three preceding months, and 334 less than in November of last year.

The monthly birth-rate in these towns taken collectively was 21·1 per thousand. It is 2·1 less than that of the previous month, 1·0 less than the mean of those of the three preceding months, and 1·7 less than that of November of last year. In the individual towns the monthly birth-rate varied from 24·5 in Falkirk, 23·9 in Motherwell and Wishaw, and 23·8 in Coatbridge, to 15·8 in Kirkcaldy, 16·6 in Perth, and 17·2 in Edinburgh. In Paisley the monthly birth-rate was 22·8, in Glasgow 22·5, in Greenock 22·3, in Hamilton 22·3, in Aberdeen 21·6, in Dundee 21·2, in Ayr 20·8, in Kilmarnock 20·6, in Clydebank 19·8, and in Dunfermline 19·6.

Of the 4164 living children whose births were registered during the month 3879, or 93·2 per cent., were legitimate, while 285, or 6·8 per cent., were illegitimate. The legitimate children of the month numbered 519 less than in the previous month, 311 less than the mean of the numbers of the three preceding months, and 360 less than in November of last year. The illegitimate children of the month numbered 42 less than in the previous month, and 12 less than the mean of the numbers of the three preceding months, but 26 more than in November of last year. The illegitimate rate of the month, 6·8 per cent., is 0·1 less than that of the previous month, but is 0·2 more than the mean of those of the three preceding months, and 1·0 more than that of November of last year. In the individual towns this rate varied from 13·5 per cent. in Kirkcaldy, 11·3 in Aberdeen, 8·5 in Dundee, and 8·0 in Motherwell and Wishaw, to 1·6 in Kilmarnock, 2·0 in Greenock, and 2·2 in Perth. In Edinburgh this rate was 7·6 per cent., in Glasgow 6·7, in Coatbridge 6·7, in Ayr 6·5, in Dunfermline 4·5, in Paisley 4·3, in Falkirk 4·3, in Hamilton 4·0, and in Clydebank 3·9.

Marriages registered in these towns during the month numbered 1226. This number is 214 less than that of the previous month, and 339 less than the mean of those of the three preceding months, but is 117 more than that of November of last year. The monthly marriage-rate of these towns taken collectively was 6·2 per thousand. This rate is 0·9 less than that of the previous month, and 1·5 less than the mean of those of the three preceding months, but is 0·6 more than that of

November of last year. In the individual towns this rate ranged from 10·3 in Perth, 7·3 in Aberdeen, 6·8 in Edinburgh, and 6·6 in Glasgow, to 3·3 in Motherwell and Wishaw, 3·6 in Hamilton, and 4·0 in Coatbridge. In Dundee this rate was 6·0, in Falkirk 5·7, in Kirkcaldy 5·5, in Ayr 5·4, in Dunfermline 5·3, in Kilmarnock 5·0, in Clydebank 4·7, in Paisley 4·4, and in Greenock 4·3.

Deaths registered in these towns numbered 3098, 1556 being of males and 1542 of females. These deaths include those of 277 persons with usual residence outwith the town of registration, but do not include those of 158 persons who though dying elsewhere in Scotland had usual residence in one or other of these towns, and the difference, 119, falls to be deducted to get the corrected number of the month, which is thus found to be 2979. This corrected number includes the deaths of 1496 males and 1483 females. The corrected number is 443 more than that of the previous month, 588 more than the mean of those of the three preceding months, and 320 more than that of November of last year.

The monthly death-rate, based on the corrected number of deaths, was 15·1 per thousand, which is 2·6 more than that of the previous month, 3·3 more than the mean of those of the three preceding months, and 1·6 more than that of November of last year. In the individual towns the monthly death-rate, corrected, varied from 20·1 in Dundee, 16·3 in Aberdeen, and 16·2 in Perth, to 9·3 in Kilmarnock, 10·4 in Hamilton, 11·0 in Clydebank, and 11·1 in Ayr. In Coatbridge this rate was 15·8, in Edinburgh 15·7, in Glasgow 15·1, in Greenock 14·9, in Paisley 13·9, in Kirkcaldy 13·4, in Dunfermline 13·3, in Motherwell and Wishaw 12·7, and in Falkirk 12·1.

Deaths of children of less than one year old numbered 468. These deaths are 87 more than in the previous month, 97 more than the mean of the numbers of the three preceding months, and 114 more than in November of last year. The infantile mortality rate is 103 per thousand of the average number of births registered monthly during the preceding twelve months. This rate is 23 more than that of the previous month, 24 more than the mean of those of the three preceding months, and 30 more than that of November of last year. In the individual towns the infantile mortality rate of the month varied from 143 in Aberdeen, 142 in Dundee, and 117 in Greenock, to 39 in Perth, 60 in Kirkcaldy, and 69 in Hamilton. In Ayr this rate was 109, in Coatbridge 106, in Motherwell and Wishaw 103, in Glasgow 100, in Edinburgh 95, in Dunfermline 92, in Paisley 90, in Clydebank 84, in Falkirk 78, and in Kilmarnock 74.

Deaths from the principal epidemic diseases numbered 242, and equalled a death-rate of 1·2 per thousand. These deaths collectively number 71 more than in the previous month, 62 more than the mean of the numbers of the three preceding months, and 1 more than in November of last year. This death-rate is 0·4 more than that of the previous month, 0·3 more than the mean of those of the three preceding months, but is the same as in November of last year. These deaths include 60 from measles, 29 from scarlet fever, 77 from whooping-cough, 29 from diphtheria, and 47 from the diarrhœas of childhood. No deaths from enteric fever were registered in these towns during the month. In the previous month there was 1 such death. Compared with the number in the previous month, deaths from measles are 39 more, from whooping-cough 30 more, from diphtheria 10 more, and from scarlet fever 2 more, while those from the diarrhœas of childhood are 9 fewer.

Deaths from influenza numbered 71. In August these deaths numbered 10, in September 14, and in October 30.

Deaths from respiratory diseases, other than phthisis, but exclusive of those associated with influenza, numbered 686. This number is 296 more than that of the previous month, 364 more than the mean of those of the three preceding months, and 281 more than that of November of last year. Of these 686 deaths, 375 were attributed to pneumonia and 264 to bronchitis, the former number being 149 and the latter 130 more than in the previous month.

Deaths from all forms of tuberculous disease numbered 224, of which 161 were attributed to tuberculosis of the respiratory system, the former number being 14 more than in the previous month, and 2 more than the mean of the numbers of the three preceding months, but 26 less than in November of last year. The latter number is 13 more than that of the previous month, and 6 more than the mean of those of the three preceding months, but is 12 less than that of November of last year.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

NOVEMBER 1924.

Mean barometric pressure, 29·942 in.; greater than the average of 1881–1915 by 0·121 in.

Mean temperature, 44°·2; greater by 2°·1.

Mean daily range of temperature, 8°·6; less by 1°·1.

Rain, depth in inches, 2·74; less by 0·78 in.

Wind, direction of: a 7 days' excess of winds from between S.E. and S.W.

In the rear of a disturbance which crossed the British Isles on the morning of 2nd there was a rapid rise of pressure, and anticyclonic conditions became dominant, and remained largely so over Scotland for nearly three weeks. Towards the end of the month depressions from the Atlantic caused frequent rain and rather strong winds. At Edinburgh, at sea-level, the extremes of pressure were 30·61 in. on 7th and 28·98 in. on 27th.

There was a sharp drop of temperature on 3rd, and about 16th northerly winds again made their influence felt. But with southerly winds much in evidence there was much mild weather, especially during the last week or so, which was abnormally mild for the time of year. The mean temperature of the month was everywhere above the normal, though appreciably below that for the very mild November of 1920. The excess of warmth was more marked by night than by day, though ground frost occurred at times. The extremes were 59° at Kettins, near Coupar Angus, on 26th, and 18° at Wolfelee on 16th.

Moderate to heavy rains were general on 1st (1·87 in. at Oban) with minor falls in some districts from 2nd to 4th. But at *e.g.* Edinburgh from 3rd to 20th no rain fell except a trifling amount on 11th, and over Scotland generally there were many dry days during the anticyclonic period. On 17th unstable conditions began to affect north-western districts, and from 21st onwards considerable areas had rain on every day, with rather heavy and general falls from 21st to 23rd. At Greenock about half of the month's total was accounted for by these three days, and on 21st Arrochar had 1·82 in. Here and there in extreme west or south-west aggregates just reached the normal, but in general there was a decided shortage, with less than half the normal in some northern districts.

Wind force was high at times, with a gale in Shetland on 3rd and somewhat widely on 21st. Fog was rather frequent, lasting all day at Renfrew on 6th, 7th, 10th, 13th, and 15th. On 2nd and 3rd snow fell over considerable areas to the north of the Grampians.

A thunderstorm occurred at Ardrishaig on the night of 1st.

A few very sunny days counterbalanced numerous cloudy ones, and as a rule sunshine aggregates practically equalled the normal. At Aberdeen, however, the month was the cloudiest November on record.

An Aurora was observed somewhat widely in the north on 24th.

NOTE.—The mean values refer to those of the Principal Towns named in meteorological table on p. 88.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES in the Principal Towns, November 1924.

TOWNS.	POPULATION.		BIRTHS.					MARRIAGES.	DEATHS.					
									REGISTERED			TRANSFERS		Total Corrected.
	Census 1921.	Estimated to middle of 1924.	Males.	Females.	Total.	Legitimate.	Illegitimate.		Males.	Females.	Total.	Out.	In.	
GLASGOW, . .	1,034,174	1,051,000	1001	937	1938	1808	130	572	676	657	1333	99	67	1301
EDINBURGH, .	420,264	427,500	310	293	603	557	46	240	317	290	607	76	19	550
DUNDEE, . .	168,315	169,600	155	140	295	270	25	83	132	151	283	12	8	279
ABERDEEN, . .	158,963	159,900	143	140	283	251	32	96	114	118	232	25	6	213
PAISLEY, . .	84,837	86,700	92	70	162	155	7	31	49	55	104	6	1	99
GREENOCK, . .	81,123	81,700	83	66	149	146	3	29	52	51	103	4	1	100
MOTHERWELL AND WISHAW, .	68,869	70,300	71	67	138	127	11	19	27	34	61	0	12	73
CLYDEBANK, .	46,506	46,700	45	31	76	73	3	18	19	15	34	4	12	42
COATBRIDGE, .	43,909	45,500	50	39	89	83	6	15	31	18	49	0	10	59
DUNFERMLINE, .	39,899	41,200	40	26	66	63	3	18	23	25	48	6	3	45
KIRKCALDY, .	39,591	40,200	29	23	52	45	7	18	16	21	37	2	9	44
HAMILTON, . .	39,420	41,000	39	36	75	72	3	12	12	20	32	2	5	35
KILMARNOCK, .	35,911	36,800	37	25	62	61	1	15	18	19	37	9	0	28
AYR, . . .	35,763	36,300	35	27	62	58	4	16	22	19	41	11	3	33
FALKIRK, . .	33,308	34,400	41	28	69	66	3	16	27	18	45	12	1	34
PERTH, . . .	33,208	33,200	24	21	45	44	1	28	21	31	52	9	1	44
TOTAL . . (SIXTEEN TOWNS)	2,364,060	2,402,000	2195	1969	4164	3879	285	1226	1556	1542	3098	277	158	2979

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES in the Principal Towns, November 1924.

TOWNS.	Birth-Rate per 1000 of Population.	Illegitimate Birth-Rate per 100 Births.	Marriage-Rate per 1000 of Population.	DEATH-RATES PER 1000 of POPULATION FROM						DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		Principal Epidemic Diseases.	All Tuberculosis.	Tuberc. of Respiratory System.	All Respiratory Diseases.	Number.	* Rate per 1000 Births.
				Registered.	Corr. for Transfers.						
GLASGOW, .	22 5	6·7	6·6	15·5	15·1	0·8	1·3	1·0	4·1	212	100
EDINBURGH, .	17·2	7·6	6·8	17·3	15·7	1·5	1·1	0·8	3·3	68	95
DUNDEE, . .	21·2	8·5	6·0	20·4	20·1	3·7	0·9	0·6	4·1	46	142
ABERDEEN, .	21·6	11·3	7·3	17·7	16·3	1·1	1·1	0·8	2·8	42	143
PAISLEY, . .	22·8	4·3	4·4	14·6	13·9	0·3	0·8	0·4	3·8	14	90
GREENOCK, .	22·3	2·0	4·3	15·4	14·9	2·4	1·2	1·0	2·1	19	117
MOTHERWELL AND WISHAW,	23·9	8 0	3·3	10·6	12·7	0·7	0 9	0·2	2·3	15	103
CLYDEBANK, .	19·3	3·9	4·7	8·9	11·0	0·5	1·3	0·5	2·1	7	84
COATBRIDGE, .	23·8	6·7	4·0	13·1	15·8	2·1	1·3	0·8	2·1	10	106
DUNFERMLINE,	19·6	4·5	5·3	14·2	13·3	0·9	0·9	0·3	2·1	6	92
KIRKCALDY, .	15·8	13·5	5·5	11·2	13·4	0·0	0·9	0·9	3·9	4	60
HAMILTON, .	22·3	4·0	3·6	9·5	10·4	0·9	0·3	0·3	2·4	6	9
KILMARNOCK,	20·6	1·6	5·0	12·3	9·3	2·3	1·7	1·0	0·7	5	74
AYR, . . .	20·8	6·5	5·4	13·8	11·1	0·3	0·7	0·7	2·0	7	109
FALKIRK, . .	24·5	4·3	5·7	16·0	12 1	0·4	1·4	1·4	3·9	5	78
PERTH, . .	16·6	2·2	10·3	19·1	16·2	1·5	0·7	0·4	1·5	2	39
TOTAL . . (SIXTEEN TOWNS)	21·1	6·8	6·2	15·7	15·1	1·2	1·1	0·8	3 5	468	103

* Based on the average number of births registered monthly during the past 12 months.

TABLE III.—BIRTH-RATE, DEATH-RATE, ETC. FOR NOVEMBER 1924, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

Month.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM							*Infantile Mortality Rate.	Mean Temperature. (Seven Towns only.)
					Enteric Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Diarrhœa (Under 2 Years).		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
NOV. 1924, .	**21·1**	**6·8**	**6·2**	**15·1**	**0**	**0**	**60**	**29**	**77**	**29**	**47**	**103**	**44°·2**
NOV. 1923, .	22·8	5·8	5·6	13·5	3	0	119	16	35	37	31	73	38°·1
NOV. 1922, .	21·9	6·7	6·6	14·9	5	0	75	18	52	33	40	102	43°·3
NOV. 1921, .	25·2	6·9	7·1	14·4	6	0	4	17	11	22	67	84	40°·3
NOV. 1920, .	26·9	7·5	10·2	15·6	5	4	7	16	21	45	76	110	45°·5
NOV. 1919, .	28·8	7·5	9·8	14·7	4	0	62	24	11	40	50	114	36°·2
NOV. 1918, .	19·9	9·2	7·7	25·8	3	0	4	13	52	51	34	138	40°·5
NOV. 1917, .	21·0	9·1	8·1	13·2	0	0	46	11	30	45	39	103	45°·2
NOV. 1916, .	24·2	7·3	7·4	15·0	10	0	58	16	18	36	73	107	44°·5
NOV. 1915, .	22·0	6·7	11·2	20·0	8	0	66	57	14	55	78	142	36°·7
NOV. 1914, .	25·3	7·9	7·8	16·9	14	0	16	75	71	62	79	125	43°·1

Figures in Columns 5–13 have been corrected for non-resident deaths.
* Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS—November 1924.

CAUSES OF DEATH.	Total.	Males.	Females.	Age. -1	1–	5–	10–	15–	25–	35–	45–	55–	65–	75–	85 & over.
Enteric Fever	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Typhus Fever	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Small-pox	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Measles	60	32	28	13	45	1	–	–	1	–	–	–	–	–	–
Scarlet Fever	29	21	8	2	17	4	4	1	1	–	–	–	–	–	–
Whooping-cough	77	38	39	34	41	2	–	–	–	–	–	–	–	–	–
Diphtheria	29	16	13	1	22	4	1	1	–	–	–	–	–	–	–
Influenza	71	31	40	4	1	1	–	6	8	4	8	12	16	8	3
Encephalitis Lethargica	2	2	–	–	–	–	–	–	2	–	–	–	–	–	–
Cerebro-spinal Meningitis	3	1	2	1	2	–	–	–	–	–	–	–	–	–	–
Other Epidemic Diseases	11	5	6	3	2	–	1	–	1	1	1	–	2	–	–
Tuberculosis of Respiratory System	161	81	80	–	3	2	7	33	35	32	22	17	9	1	–
Tuberculous Meningitis	19	14	5	6	7	3	–	3	–	–	–	–	–	–	–
Tuberculosis of Intestines and Peritoneum	20	8	12	3	7	3	–	2	2	–	2	–	1	–	–
Other Tuberculous Disease	24	16	8	3	3	1	1	7	4	1	1	–	2	1	–
Malignant Tumours	277	123	154	1	2	1	1	1	8	21	43	77	93	25	4
Rheumatic Fever	5	4	1	–	–	1	1	1	–	1	1	–	–	–	–
Meningitis (not Cer.-spin. or Tuberc.)	19	7	12	5	7	2	–	2	–	2	1	–	–	–	–
Apoplexy	220	85	135	–	1	–	–	–	–	5	27	60	68	49	10
Heart Disease	268	125	143	–	–	1	1	9	15	16	32	42	84	60	8
Diseases of Arteries	32	19	13	–	–	–	–	–	–	–	1	5	10	13	3
Bronchitis	264	139	125	35	11	–	–	–	6	13	22	25	76	62	14
Pneumonia (all forms)	375	195	180	91	103	12	4	15	18	15	30	31	31	22	3
Other Diseases of Respiratory System	47	28	19	13	3	–	1		–	3	8	3	8	6	2
Diarrhœa and Enteritis (under 2 years)	47	26	21	39	8	–	–	–	–	–	–	–	–	–	–
Appendicitis	25	9	16	1	3	2	–	5	7	2	2	–	3	–	–
All Diseases of Liver (not Malignant)	12	9	3	–	–	–	–	–	1	1	2	4	2	2	–
Nephritis, Acute and Chronic	81	46	35	–	2	–	1	4	4	6	18	18	19	9	–
Puerperal Sepsis	4	–	4	–	–	–	–	2	2	–	–	–	–	–	–
Other Dis. & Accidents of Preg. & Part.	21	–	21	–	–	–	–	1	14	6	–	–	–	–	–
Diseases of Early Infancy and Malform.	169	88	81	165	2	1	1	–	–	–	–	–	–	–	–
Suicide	4	4	–	–	–	–	–	–	1	–	–	3	–	–	–
Other Violent Deaths	101	72	29	8	23	6	2	7	9	12	11	5	11	5	2
Other Defined Diseases	451	221	230	35	20	12	12	15	17	31	40	59	77	97	36
Causes Ill-defined or Unknown	51	31	20	5	–	–	–	2	2	2	10	13	10	6	1
	2979	1496	1483	468	335	59	38	117	158	174	282	374	522	366	86

DEATHS IN EACH TOWN (corrected for Transfers)—November 1924.

CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
Enteric Fever	...	...	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...	...
Measles	60	...	21	37	...	...	1	...	...
Scarlet Fever	29	7	10	4	...	1	...	...	...
Whooping-cough	77	31	10	3	12	...	11	1	1
Diphtheria	29	12	8	3	3	...	1	...	...
Influenza	71	9	21	10	14	1	6	1	1
Encephalitis Lethargica	2	2	...	...	...	...	...	...	...
Cerebro-spinal Meningitis	3	2	1	...	...	...	...	...	...
Other Epidemic Diseases	11	4	2	3	...	...	1	...	...
Tuberculosis of Respiratory System ...	161	82	28	9	11	3	7	1	2
Tuberculous Meningitis	19	10	1	2	1	1	...	2	1
Tuber. of Intestines and Peritoneum	20	9	5	...	1	1	1	...	1
Other Tuberculous Disease	24	8	5	1	2	1	...	2	1
Malignant Tumours	277	116	53	14	21	12	9	8	5
Rheumatic Fever	5	1	3	...	...	1	...	...	...
Meningitis (not Cerebro-spinal or Tuber.)	19	8	1	3	1	...	1	...	1
Apoplexy	220	97	47	17	9	8	4	6	4
Heart Disease	268	113	53	22	27	6	5	8	3
Diseases of Arteries	32	14	9	1	4	...	2	...	...
Bronchitis	264	135	40	19	21	13	5	7	5
Pneumonia (all forms)	375	200	62	33	13	14	9	5	3
Other Diseases of Respiratory System	47	21	13	5	3	...	...	1	...
Diarrhœa and Enteritis (under 2 years)	47	21	5	4	...	1	3	3	1
Appendicitis	25	9	7	2	1	3	...	1	1
All Diseases of Liver (not Malignant)	12	4	2	3	...	...	1	...	...
Nephritis, Acute and Chronic ...	81	34	16	6	7	1	4	4	1
Puerperal Sepsis	4	3	...	...	...	...	1	...	...
Other Diseases and Accidents of Pregnancy and Parturition	21	9	3	...	1	...	1	...	...
Dis. of Early Infancy and Malformations	169	74	22	19	17	10	7	7	1
Suicide	4	...	1	1	...	...	...	1	...
Other Violent Deaths	101	51	20	13	4	1	2	1	2
Other Defined Diseases	451	191	77	38	34	19	17	11	8
Causes Ill-defined or Unknown ...	51	24	4	7	6	2	1	3	...
All Causes ...	2979	1301	550	279	213	99	100	73	42
AGE AT DEATH.									
Under 1	468	212	68	46	42	14	19	15	7
1– 4	335	144	55	55	17	4	19	7	6
5– 9	59	26	11	5	3	1	1	1	1
10–14	38	16	8	4	1	2	1	2	...
15–24	117	59	16	6	9	3	8	1	3
25–34	158	57	29	13	18	7	5	7	1
35–44	174	85	33	10	11	7	9	4	4
45–54	282	147	53	19	14	6	7	10	5
55–64	374	173	68	28	20	11	8	6	8
65–74	522	220	103	50	38	23	11	14	4
75–84	366	133	84	33	29	19	8	5	2
85 and over	86	29	22	10	11	2	4	1	1
All Ages ...	2979	1301	550	279	213	99	100	73	42

DEATHS IN EACH TOWN (corrected for Transfers)—November 1924—*continued.*

CAUSES OF DEATH.	Coatbridge.	Dunfermline.	Kirkcaldy.	Hamilton.	Kilmarnock.	Ayr.	Falkirk.	Perth.
Enteric Fever	...	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	1	...	...
Scarlet Fever	3	...	...	1	...	...	...	3
Whooping-cough	2	...	...	...	5	...	1	...
Diphtheria	...	...	...	1	1	...	...	...
Influenza...	1	1	2	...	1	1	1	1
Encephalitis Lethargica	...	...	...	...	...	...	...	...
Cerebro-spinal Meningitis	...	...	...	...	...	...	...	...
Other Epidemic Diseases	...	...	...	...	1	...	...	...
Tuberculosis of Respiratory System ...	3	1	3	1	3	2	4	1
Tuberculous Meningitis	...	...	...	...	...	...	...	1
Tuber. of Intestines and Peritoneum ...	1	1	...	...	...	...	...	...
Other Tuberculous Disease	1	1	...	...	2	...	...	...
Malignant Tumours	9	8	6	3	3	3	...	7
Rheumatic Fever	...	...	...	...	...	...	...	...
Meningitis (not Cerebro-spinal or Tuber.)	...	...	1	2	...	1	...	...
Apoplexy	4	4	4	4	2	2	2	6
Heart Disease	4	3	2	3	2	5	6	6
Diseases of Arteries	...	...	...	...	...	...	...	2
Bronchitis	...	2	5	2	1	2	6	1
Pneumonia (all forms)	8	4	6	5	1	4	5	3
Other Diseases of Respiratory System	...	1	2	1	...	...	...	...
Diarrhœa and Enteritis (under 2 years)	3	3	...	1	1	...	...	1
Appendicitis	1	...	...	...	...	...	...	...
All Diseases of Liver (not Malignant)	...	1	...	...	...	1	...	...
Nephritis, Acute and Chronic... ...	3	1	...	...	...	2	...	2
Puerperal Sepsis	...	...	...	...	...	...	...	...
Other Diseases and Accidents of Pregnancy and Parturition	3	2	...	...	...	...	...	2
Dis. of Early Infancy and Malformations	2	...	2	1	3	2	2	...
Suicide	...	1	...	...	...	...	...	...
Other Violent Deaths	2	2	...	1	...	...	1	1
Other Defined Diseases	9	8	11	9	1	6	5	7
Causes Ill-defined or Unknown ...	...	1	...	...	1	1	1	...
All Causes ...	59	45	44	35	28	33	34	44
AGE AT DEATH.								
Under 1	10	6	4	6	5	7	5	2
1– 4	7	4	4	5	3	2	...	3
5– 9	4	...	2	...	3	...	1	...
10–14	3	...	...	...	...	...	...	1
15–24	3	1	...	2	2	1	2	1
25–34	3	4	4	1	1	3	3	2
35–44	2	...	3	1	1	1	1	2
45–54	5	6	2	4	1	...	3	...
55–64	8	6	7	5	4	6	9	7
65–74	8	7	10	5	5	7	6	11
75–84	6	10	8	6	3	4	4	12
85 and over	...	1	...	...	...	2	...	3
All Ages ...	59	45	44	35	28	33	34	44

ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Made at RENFREW (for GLASGOW), EDINBURGH, DUNDEE, ABERDEEN, PAISLEY, GREENOCK, and PERTH,

During the Month of NOVEMBER 1924.

OBSERVERS.	Height of Station above Sea-level.	BAROMETER. Mean at Station and 32°.	BAROMETER. Mean at Sea-Level and 32°.	AIR TEMPERATURE. Mean of Maximum (A).	AIR TEMPERATURE. Mean of Minimum (B.)	AIR TEMPERATURE. Mean of A and B (Mean Temperature).	AIR TEMPERATURE. Difference from Average, 1881–1915.	AIR TEMPERATURE. Absolute Maximum and Minimum. Maximum.	AIR TEMPERATURE. Absolute Maximum and Minimum. Day of Month.	AIR TEMPERATURE. Absolute Maximum and Minimum. Minimum.	AIR TEMPERATURE. Absolute Maximum and Minimum. Day of Month.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Dry Bulb.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Depression of Wet Bulb.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Vapour Pressure.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Humidity.	RAIN, AND OTHER FORMS OF PRECIPITATION. Number of Days.	RAIN, AND OTHER FORMS OF PRECIPITATION. Total Fall.	RAIN, AND OTHER FORMS OF PRECIPITATION. Difference from Average, 1881–1915.	WIND DIRECTIONS. Number of Observations at 9 A.M. and 9 P.M. N	NE	E	SE	S	SW	W	NW	Calm or Variable.
	feet.	inch.	inch.	°	°	°	°	°		°		°	°	inch.	per cent.		inch.	inch.									
RENFREW,* The Meteorological Office.	40	29·891	29·936	48·6	39·5	44·1	+1·5	55	22nd	24	13th	43·3	0·8	·263	94	14	2·85	0·79	2	2	11	8	6	13	10	2	6
EDINBURGH, Professor R. A. SAMPSON, F.R.S., Royal Observatory.	441	29·483	29·971	48·0	40·0	44·0	+1·8	55	22nd	32	4th	43·9	1·7	·249	87	12	1·10	-1·05	0	0	0	7	6	11	15	5	16
DUNDEE, A. MACRAE, Curator of Cemeteries.	164	29·753	29·936	47·2	38·8	43·0	+1·7	53	22nd	29	17th	42·9	1·2	·250	91	20	2·00	0·44	0	0	0	21	0	28	0	11	0
ABERDEEN,* The Meteorological Office.	90	29·832	29·933	48·2	42·2	45·2	+3·1	54	20, 22	33	4th	45·1	1·6	·263	88	18	2·56	-0·39	1	0	0	9	15	14	8	11	2
PAISLEY, The Coats Observatory.	107	29·820	29·940	49·4	39·9	44·7	+1·7	55	5th	29	13, 17	44·6	1·6	·258	88	14	3·58	-0·60	0	1	9	6	4	8	11	3	18
GREENOCK,† J. MACALISTER, A.M.Inst., C.E., Greenock Waterworks.	233	29·685	29·945	48·7	41·6	45·1	+2·4	53	23rd	34	4th	44·5	1·6	·257	88	16	5·31	-1·11	0	0	17	11	2	8	22	0	0
PERTH,† J. RITCHIE, The Museum.	22	29·905	29·930	49·2	37·4	43·3	+2·2	55	19th	24	13th	42·8	1·3	·247	90	11	1·81	-1·07	2	0	2	15	9	22	0	10	0
Means	157	29·767	29·942	48·5	39·9	44·2	+2·1	..	..	..	..	43·9	1·4	·255	89	15	2·74	0·78	1	0	6	11	6	15	9	6	6

North Latitude.—Renfrew, 55° 52′; Edinburgh, 55° 55′; Dundee, 56° 28′; Aberdeen, 57° 9′; Paisley 55° 51′; Greenock, 55° 57′; Perth, 56° 23′; Mean, 56° 14′.
West Longitude.—Renfrew, 4° 24′; Edinburgh, 3° 11′; Dundee, 2° 57′; Aberdeen, 2° 7′; Paisley, 4° 27′; Greenock, 4° 46′; Perth, 3° 25′; Mean, 3° 37′.

* At 7 A.M. and 6 P.M.
* At 7 A.M. and 6 P.M.

† At 9 A.M. only.
† At 9 A.M. only.

EDINBURGH: PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE.
To be purchased directly from H.M. STATIONERY OFFICE at the following addresses:
120, George Street, Edinburgh; Adastral House, Kingsway, London, W.C. 2; 28, Abingdon Street, London, S.W. 1;
York Street, Manchester; 1, St. Andrew's Crescent, Cardiff;
or through any Bookseller.
Printed under the authority of HIS MAJESTY'S STATIONERY OFFICE
By J. Skinner & Co., Ltd., 27 Thistle Street, Edinburgh.
Price 6d. net.
(4722. Wt. 10/15 (150). 12/24. J. S. & Co. Ltd. Group 4/16.

FOR OFFICIAL USE.

MONTHLY RETURN

OF THE

BIRTHS, DEATHS, AND MARRIAGES

IN SIXTEEN OF THE PRINCIPAL TOWNS OF

SCOTLAND.

DECEMBER 1924

Published by Authority of the Registrar-General.

REPORT.

During the month of December 1924 there were registered in the Sixteen Principal Towns of Scotland, those burghs which at the date of the 1921 Census had populations of over 30,000, the births of 4325 living children, of whom 2207 were males, and 2118 were females. Compared with the number registered in the previous month that of male children is 12 more and of female children 149 more, but compared with the number in December of the previous year that of male children is 205 less and of female children 91 less. The total children of the month numbered 161 more than in the previous month, but 88 less than the mean of the numbers of the three preceding months, and 296 less than in December of the previous year.

The monthly birth-rate in these towns taken collectively was 21·3 per thousand. It is 0·2 more than that of the previous month, but is 0·6 less than the mean of those of the three preceding months, and 1·4 less than that of December 1923. In the individual towns the monthly birth-rate varied from 24·4 per thousand in Greenock, 23·0 in Clydebank, 22·6 in Dundee, and 22·3 in Glasgow, to 14·2 in Perth, 17·6 in Paisley, and 17·6 in Coatbridge. In Kirkcaldy this rate was 22·1, in Hamilton 21·9, in Motherwell and Wishaw 21·8, in Falkirk 21·6, in Aberdeen 20·5, in Dunfermline 19·8, in Ayr 19·8, in Edinburgh 19·6, and in Kilmarnock 19·3.

Of the 4325 living children whose births were registered during the month 4020, or 92·9 per cent., were legitimate, while 305, or 7·1 per cent., were illegitimate. The legitimate children of the month numbered 141 more than those of the previous month, but 103 less than the mean of the numbers of the three preceding months, and 293 less than in December of the previous year. The illegitimate children of the month numbered 20 more than in the previous month, and 15 more than the mean of the numbers of the three preceding months, but 3 fewer than in December of the previous year. The illegitimate rate of the month, 7·1 per cent., is 0·3 more than that of the previous month, 0·6 more than the mean of those of the three preceding months, and 0·4 more than that of December 1923. In the individual towns the illegitimate rate varied from 11·5 per cent. in Ayr, 9·2 in Edinburgh, and 8·3 in Aberdeen and in Kilmarnock, to 2·3 in Motherwell and Wishaw, 2·9 in Dunfermline, 4·4 in Coatbridge, and 4·7 in Greenock. In Perth this rate was 7·5, in Glasgow 7·0, in Paisley 7·0, in Clydebank 6·6, in Hamilton 6·6, in Falkirk 6·3, in Dundee 6·2, and in Kirkcaldy 5·3.

Marriages registered in these towns during the month numbered 1980. This number is 754 more than that of the previous month, and 470 more than the mean of those of the three preceding months, but is 22 less than in the previous December. The monthly marriage-rate was 9·7 per thousand. This rate is 3·5 more than that of the previous month, and 2·2 more than the mean of those of the three preceding months, but is 0·1 less than that of the previous December. In the individual towns the monthly marriage-rate varied from 13·4 in Aberdeen, 11·7 in Perth, 11·2 in Kilmarnock, and 11·1 in Edinburgh, to 5·5 in Hamilton, 5·7 in

Dunfermline, and 6·3 in Clydebank. In Glasgow this rate was 9·8, in Coatbridge 8·8, in Falkirk 8·6, in Paisley 8·4, in Ayr 8·4, in Dundee 8·3, in Greenock 8·0, in Kirkcaldy 7·4, and in Motherwell and Wishaw 7·0.

Deaths registered in these towns during the month numbered 3524, 1766 being of males and 1758 of females. These deaths include those of 269 persons with usual residence outwith the town of registration, but do not include those of 148 persons who though having usual residence in one or other of these towns died elsewhere in Scotland, and the difference, 121, falls to be deducted to get the corrected number for the month, which is thus found to be 3403. This corrected number includes the deaths of 1695 males and 1708 females. The corrected number is 424 more than that of the previous month, 750 more than the mean of those of the three preceding months, and 129 more than that of December 1923.

The monthly death-rate, based on the corrected number of deaths, was 16·7 per thousand, which is 1·6 more than that of the previous month, 3·5 more than the mean of those of the three preceding months, and 0·6 more than that of December of the previous year. In the individual towns the monthly death-rate varied from 23·7 per thousand in Dundee, 17·5 in Edinburgh, and 16·8 in Glasgow, to 11·8 in Dunfermline, 12·1 in Kirkcaldy, and 12·3 in Ayr. In Perth the monthly death-rate was 16·7, in Coatbridge 16·3, in Kilmarnock 16·0, in Aberdeen 15·9, in Falkirk 15·1, in Paisley 15·0, in Greenock 15·0, in Hamilton 14·1, in Clydebank 12·9, and in Motherwell and Wishaw 12·8.

Deaths of children of less than one year old numbered 615. These deaths are 147 more than those of the previous month, 211 more than the mean of the numbers of the three preceding months, and 130 more than in December of the previous year. The infantile mortality rate was 125 per thousand of the average number of births registered monthly during the preceding twelve months. This rate is 22 more than that of the previous month, 38 more than the mean of those of the three preceding months, and 27 more than that of the previous December. In the individual towns this rate varied from 184 in Dundee, 176 in Clydebank, 161 in Aberdeen, and 157 in Kilmarnock, to 51 in Perth, 53 in Ayr, and 56 in Dunfermline. In Motherwell and Wishaw this rate was 145, in Glasgow 130, in Coatbridge 125, in Falkirk 116, in Kirkcaldy 104, in Edinburgh 102, in Hamilton 86, in Paisley 82, and in Greenock 70.

Deaths from the principal epidemic diseases numbered 376, and equalled a death-rate of 1·8 per thousand. These deaths collectively number 134 more than in the previous month, 172 more than the mean of the numbers of the three preceding months, and 37 more than in the previous December. This death-rate is 0·6 more than that of the previous month, 0·8 more than the mean of those of the three preceding months, and 0·1 more than in the previous December. These deaths include 4 from enteric fever, 96 from measles, 34 from scarlet fever, 166 from whooping-cough, 29 from diphtheria, and 47 from the diarrhœas of childhood. Compared with the number in the previous month, deaths from whooping-cough were 89 more, from measles 36 more, from scarlet fever 5 more, and from enteric fever 4 more, while those from diphtheria and from the diarrhœas of childhood are of the same number. Of the 96 deaths from measles, 72 occurred in Dundee, and 18 in Edinburgh, but none in Glasgow.

Deaths from influenza numbered 111. In September these deaths numbered 14, in October 30, and in November 71.

Deaths from respiratory diseases, other than phthisis, but exclusive of those associated with influenza, numbered 740. This number is 54 more than that of the previous month, 274 more than the mean of those of the three preceding months, and 63 more than that of December of the previous year. Of these 740 deaths, 457 were attributed to pneumonia and 253 to bronchitis, the former being 82 more and the latter 11 fewer than in the previous month.

Deaths from all forms of tuberculous disease numbered 262, of which 195 were attributed to tuberculosis of the respiratory system. The former number is 38 more than that of the previous month, and 46 more than the mean of those of the three preceding months, but is 6 less than that of the previous December. The latter number is 34 more than that of the previous month, and 40 more than the mean of those of the three preceding months, but is 6 less than that of the previous December.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

DECEMBER 1924.

Mean barometric pressure, 29·646 in.; less than the average of 1881–1915 by 0·096 in.

Mean temperature, 44°·5; greater by 5°·7.

Mean daily range of temperature, 7°·2; less by 1°·7.

Rain, depth in inches, 5·82; greater by 1·77 in.

Wind, direction of: a 12 days' excess of winds from S. and S.W.

There was, almost continuously, an unusually well-marked gradient for south-westerly winds, and during the last ten days of the month, pressure over Iceland became abnormally low. During this period the main south-westerly air current was unusually strong, and various secondary disturbances were associated with gales of great intensity and gustiness. At Edinburgh, at sea-level, the extremes of pressure were 30·35 in. on 21st and 28·45 in. on 27th,—the lowest point touched in December since 1909.

Except for two or three days around 15th temperature was abnormally high until 27th, and though a rather sharp drop then occurred, the month as a whole ranks as decidedly the mildest December experienced in Scotland for at least 60 years. The mean temperature was slightly above that for November, and even above that for April; the mildness of the nights was especially remarkable; and on the night of 17th-18th temperature at many places did not fall below 50°. Occurrences of frost were comparatively unimportant for midwinter. The extremes were 60° at Colmonell on 23rd and 23° at Balmoral on 15th,—the latter an unusually high absolute minimum for December.

Moderate to rather heavy rains were fairly general from 5th to 8th, around 12th very heavy falls were experienced in Central Scotland and towards the north-west,—as much as 4·70 in. at Kinlochquoich and 3·13 in. at Ardgour on 12th; and on 17th and 18th there were again considerable falls in north-western districts. After a brief fair to fine period, general rain on 22nd (2·07 in. at Killin) was followed, after a temporary improvement, by very heavy rains in some districts on 25th and very widely from 26th to 29th. Thus Greenock had 2·21 in. on 26th and 1·13 in. on 29th. There were exceptional areas of deficient rainfall in the extreme north; in low lying districts of Moray and Banff; and in East Lothian. In general, however, there was a well marked excess, and at *e.g.*, Bendamph, Braemar, and Dumfries, aggregates approached twice the normal. At Gordon Castle the small total of 0·94 in. was hardly more than one third of the normal and the smallest rainfall recorded for December since 1905.

Violent gales were widely experienced on 15th, 22nd, 23rd, 26th, 27th, 29th, and 31st, and in the north on 25th, when Lerwick reported a wind velocity of 90 miles per hour in a gust. There was considerable destruction of property and some shipping casualties. Snow fell towards the north from 26th onwards. During the last few days of the month extensive flooding occurred, especially in Border and Southern districts.

Thunderstorms occurred sporadically on 5th, 21st, 22nd, 23rd, 24th, and more or less widely, but chiefly towards the north-west, on every day from 27th onwards.

Much cloudy weather occurred; but at Edinburgh and towards the south-east a few very sunny days brought sunshine aggregates above the normal.

An Aurora was observed at Gordon Castle on 20th.

NOTE.—The mean values refer to those of the Principal Towns named in meteorological table on p. 96.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES in the Principal Towns, December 1924.

TOWNS.	POPULATION.		BIRTHS.					MARRIAGES.	DEATHS.					
									Registered			Transfers		
	Census 1921.	Estimated to middle of 1924.	Males.	Females.	Total.	Legitimate.	Illegitimate.		Males.	Females.	Total.	Out.	In.	Total Corrected.
GLASGOW,	1,034,174	1,051,000	1024	960	1984	1846	138	876	788	762	1550	107	56	1499
EDINBURGH,	420,264	427,500	345	364	709	644	65	403	336	358	694	70	11	635
DUNDEE,	168,315	169,600	156	168	324	304	20	119	169	182	351	13	2	340
ABERDEEN,	158,963	159,900	158	119	277	254	23	181	108	113	221	25	19	215
PAISLEY,	84,837	86,700	76	53	129	120	9	62	61	48	109	3	4	110
GREENOCK,	81,123	81,700	86	83	169	161	8	55	56	48	104	4	4	104
MOTHERWELL AND WISHAW,	68,869	70,300	70	60	130	127	3	42	35	34	69	0	7	76
CLYDEBANK,	46,506	46,700	47	44	91	85	6	25	22	17	39	0	12	51
COATBRIDGE,	43,909	45,500	37	31	68	65	3	34	30	27	57	1	7	63
DUNFERMLINE,	39,899	41,200	28	41	69	67	2	20	27	24	51	12	2	41
KIRKCALDY,	39,591	40,200	41	34	75	71	4	25	17	21	38	1	4	41
HAMILTON,	39,420	41,000	38	38	76	71	5	19	26	14	40	2	11	49
KILMARNOCK,	35,911	36,800	30	30	60	55	5	35	25	28	53	9	6	50
AYR,	35,763	36,300	27	34	61	54	7	26	22	22	44	9	3	38
FALKIRK,	33,308	34,400	27	36	63	59	4	25	24	23	47	3	0	44
PERTH,	33,208	33,200	17	23	40	37	3	33	20	37	57	10	0	47
Total (Sixteen Towns)	2,364,060	2,402,000	2207	2118	4325	4020	305	1980	1766	1758	3524	269	148	3403

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES in the Principal Towns, December 1924.

TOWNS.	Birth-Rate per 1000 of Population.	Illegitimate Birth-Rate per 100 Births.	Marriage-Rate per 1000 of Population.	DEATH-RATES PER 1000 of POPULATION FROM						DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		Principal Epidemic Diseases.	All Tuberculosis.	Tuberc. of Respiratory System.	All Respiratory Diseases.	Number.	* Rate per 1000 Births.
				Registered.	Corr. for Transfers.						
GLASGOW,	22·3	7·0	9·8	17·4	16·8	1·3	1·5	1·1	4·3	297	130
EDINBURGH,	19·6	9·2	11·1	19·2	17·5	1·4	1·5	1·3	3·1	78	102
DUNDEE,	22·6	6·2	8·3	24·4	23·7	7·2	1·0	0·7	4·4	66	184
ABERDEEN,	20·5	8·3	13·4	16·3	15·9	2·4	0·7	0·4	2·9	52	161
PAISLEY,	17·6	7·0	8·4	14·8	15·0	0·4	0·7	0·5	3·4	14	82
GREENOCK,	24·4	4·7	8·0	15·0	15·0	2·6	1·0	0·9	3·5	13	70
MOTHERWELL AND WISHAW,	21·8	2·3	7·0	11·6	12·8	2·0	0·8	0·3	2·2	21	145
CLYDEBANK,	23·0	6·6	6·3	9·9	12·9	1·5	1·0	0·8	3·0	16	176
COATBRIDGE,	17·6	4·4	8·8	14·8	16·3	2·6	1·6	0·8	3·4	12	125
DUNFERMLINE,	19·8	2·9	5·7	14·6	11·8	0·9	1·1	0·6	1·4	4	56
KIRKCALDY,	22·1	5·3	7·4	11·2	12·1	0·6	1·2	0·9	1·8	8	104
HAMILTON,	21·9	6·6	5·5	11·5	14·1	1·2	1·2	0·9	2·9	8	86
KILMARNOCK,	19·3	8·3	11·2	17·0	16·0	1·3	0·6	0·3	4·2	11	157
AYR,	19·8	11·5	8·4	14·3	12·3	1·3	0·3	0·0	3·2	4	53
FALKIRK,	21·6	6·3	8·6	16·1	15·1	0·7	1·4	1·0	2·7	8	116
PERTH,	14·2	7·5	11·7	20·3	16·7	1·8	0·7	0·7	1·4	3	51
Total (Sixteen Towns)	21·3	7·1	9·7	17·3	16·7	1·8	1·3	1·0	3·6	615	125

* Based on the average number of births registered monthly during the past 12 months.

TABLE III.—BIRTH-RATE, DEATH-RATE, ETC. FOR DECEMBER 1924, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

Month.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM							*Infantile Mortality Rate.	Mean Temperature. (Seven Towns only.)
					Enteric Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Diarrhœa (Under 2 Years).		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
DEC. 1924,	**21·3**	**7·1**	**9·7**	**16·7**	**4**	**0**	**96**	**34**	**166**	**29**	**47**	**125**	**44°·5**
DEC. 1923,	22·7	6·7	9·8	16·1	2	0	190	21	57	32	37	98	37°·8
DEC. 1922,	24·1	7·1	9·0	14·2	3	0	92	20	53	34	34	113	41°·3
DEC. 1921,	26·1	6·3	10 0	14·7	2	0	77	14	26	32	43	89	43°·3
DEC. 1920,	27·3	8 5	13·2	17·6	3	4	12	10	36	36	47	119	38°·7
DEC. 1919,	33·0	7·3	14·4	15·5	3	0	60	19	20	47	49	122	38°·9
DEC. 1918,	19·4	9·8	10 8	17·7	3	0	3	9	55	40	32	129	41°·1
DEC. 1917,	18·2	9 2	9·8	14·5	7	0	64	8	54	50	45	124	37°·0
DEC. 1916,	21·1	8·5	9 2	17·5	5	0	51	14	34	25	54	122	37°·7
DEC. 1915,	23·2	6·9	11·2	19 6	3	0	106	73	17	65	56	126	38°·0
DEC. 1914,	25·7	7·0	10·0	18 9	11	0	19	71	156	66	60	147	37°·9

Figures in Columns 5–18 have been corrected for non-resident deaths.
* Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS—December 1924.

CAUSES OF DEATH.	Total.	Males.	Females.	Age.											
				-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85 & over.
Enteric Fever	4	2	2	–	–	–	–	2	–	1	1	–	–	–	–
Typhus Fever	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Small-pox	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Measles	96	50	46	21	72	3	–	–	–	–	–	–	–	–	–
Scarlet Fever	34	16	18	2	18	11	1	1	–	1	–	–	–	–	–
Whooping-cough	166	74	92	65	99	2	–	–	–	–	–	–	–	–	–
Diphtheria	29	14	15	2	21	6	–	–	–	–	–	–	–	–	–
Influenza	111	50	61	8	4	3	–	10	3	10	8	12	24	26	3
Encephalitis Lethargica	5	1	4	–	–	–	1	–	1	3	–	–	–	–	–
Cerebro-spinal Meningitis	6	3	3	1	–	1	–	2	1	–	–	1	–	–	–
Other Epidemic Diseases	9	5	4	1	2	1	–	–	2	–	2	–	–	1	–
Tuberculosis of Respiratory System	195	94	101	1	3	2	8	38	41	49	32	11	6	4	–
Tuberculous Meningitis	24	13	11	2	11	7	1	–	–	–	1	2	–	–	–
Tuberculosis of Intestines and Peritoneum	20	8	12	3	7	1	5	2	1	–	–	1	–	–	–
Other Tuberculous Disease	23	12	11	–	2	2	1	5	5	–	5	1	–	2	–
Malignant Tumours	310	146	164	–	–	–	–	2	4	18	55	95	99	32	5
Rheumatic Fever	9	3	6	–	–	2	–	3	3	–	–	–	1	–	–
Meningitis (not Cer.-spin. or Tuberc.)	24	13	11	7	11	2	–	–	1	1	1	1	–	–	–
Apoplexy	233	109	124	1	–	–	1	2	1	3	20	57	82	63	3
Heart Disease	332	158	174	–	1	1	4	7	12	22	40	79	98	58	10
Diseases of Arteries	37	24	13	–	–	–	–	–	–	1	4	4	11	15	2
Bronchitis	253	122	131	44	11	2	2	2	5	14	21	29	71	38	14
Pneumonia (all forms)	457	245	212	160	112	12	5	12	7	25	32	29	35	24	4
Other Diseases of Respiratory System	30	18	12	5	3	–	–	–	1	1	5	3	5	7	–
Diarrhœa and Enteritis (under 2 years)	47	27	20	40	7	–	–	–	–	–	–	–	–	–	–
Appendicitis	19	9	10	–	–	4	3	4	1	4	3	–	–	–	–
All Diseases of Liver (not Malignant)	18	7	11	–	–	–	–	1	–	2	2	5	6	2	–
Nephritis, Acute and Chronic	95	49	46	–	–	1	2	–	5	9	20	29	21	7	1
Puerperal Sepsis	9	–	9	–	–	–	–	–	6	3	–	–	–	–	–
Other Dis. & Accidents of Preg. & Part.	9	–	9	–	–	–	–	3	4	2	–	–	–	–	–
Diseases of Early Infancy and Malform.	189	118	71	187	2	–	–	–	–	–	–	–	–	–	–
Suicide	17	10	7	–	–	–	–	1	4	2	5	4	1	–	–
Other Violent Deaths	98	67	31	8	20	3	1	8	5	9	15	12	9	7	1
Other Defined Diseases	456	198	258	53	23	5	5	5	20	29	48	61	69	94	44
Causes Ill-defined or Unknown	39	30	9	4	2	–	–	2	–	3	7	9	8	4	–
	3403	1695	1708	615	431	71	40	112	133	212	327	445	546	384	87

DEATHS IN EACH TOWN (corrected for Transfers)—December 1924.

CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
Enteric Fever	4	2	...	...	1	...	1	...	...
Typhus Fever	...	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...	...
Measles	96	...	18	72	2	...	1	1	...
Scarlet Fever	34	10	4	3	2	...	...	3	...
Whooping-cough	166	70	16	17	24	2	14	5	6
Diphtheria	29	12	7	5	1	1	1	1	...
Influenza	111	39	34	6	10	7	1	5	...
Encephalitis Lethargica	5	1	1	1	...	...	...	...	...
Cerebro-spinal Meningitis	6	4	1	...	1	...	...	...	...
Other Epidemic Diseases	9	5	3	...	...	...	...	...	...
Tuberculosis of Respiratory System ...	195	102	46	10	5	4	6	2	3
Tuberculous Meningitis	24	14	3	2	1	...	...	1	...
Tuber. of Intestines and Peritoneum	20	9	1	2	1	1	...	2	...
Other Tuberculous Disease	23	11	4	1	2	...	1	...	1
Malignant Tumours	310	129	64	34	24	7	12	7	4
Rheumatic Fever	9	2	2	...	...	...	1	...	...
Meningitis (not Cerebro-spinal or Tuber.)	24	9	5	1	1	1	1	1	1
Apoplexy	233	101	51	12	14	7	5	2	5
Heart Disease	332	130	76	39	16	19	7	4	5
Diseases of Arteries	37	15	11	3	3	...	1	1	...
Bronchitis	253	121	40	25	17	13	6	10	2
Pneumonia (all forms)	457	252	63	38	20	12	18	3	10
Other Diseases of Respiratory System	30	11	8	...	2	...	...	...	...
Diarrhœa and Enteritis (under 2 years)	47	25	4	6	2	...	1	2	...
Appendicitis	19	10	2	...	...	1	1	1	1
All Diseases of Liver (not Malignant)	18	4	3	1	3	...	1	...	...
Nephritis, Acute and Chronic ...	95	52	17	5	7	4	1	1	...
Puerperal Sepsis	9	4	4	...	...	...	...	...	...
Other Diseases and Accidents of Pregnancy and Parturition	9	4	2	...	1	1	...	...	...
Dis. of Early Infancy and Malformations	189	91	24	16	17	6	3	5	6
Suicide	17	9	5	...	...	1	...	...	1
Other Violent Deaths	98	43	16	5	6	6	4	2	...
Other Defined Diseases	456	181	96	33	31	17	17	16	6
Causes Ill-defined or Unknown ...	39	27	4	3	1	...	...	1	...
All Causes ...	3403	1499	635	340	215	110	104	76	51
AGE AT DEATH.									
Under 1	615	297	78	66	52	14	13	21	16
1– 4	431	162	59	100	26	8	19	12	7
5– 9	71	25	11	7	4	1	4	1	1
10–14	40	26	7	...	...	2	1	1	1
15–24	112	50	22	2	5	7	5	1	2
25–34	133	68	26	10	5	6	4	1	1
35–44	212	100	35	13	14	9	9	6	1
45–54	327	166	61	24	12	7	10	6	4
55–64	445	213	94	33	24	15	15	4	7
65–74	546	236	128	40	33	25	10	15	6
75–84	384	130	91	37	33	12	13	7	4
85 and over	87	26	23	8	7	4	1	1	1
All Ages ...	3403	1499	635	340	215	110	104	76	51

DEATHS IN EACH TOWN (corrected for Transfers)—December 1924—*continued.*

CAUSES OF DEATH.	Coatbridge.	Dunfermline.	Kirkcaldy.	Hamilton.	Kilmarnock.	Ayr.	Falkirk.	Perth.
Enteric Fever	...	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...
Measles	...	...	2	...	...	...	...	...
Scarlet Fever	2	1	...	4	...	2	...	3
Whooping-cough	6	1	...	...	4	...	1	...
Diphtheria	1	...	...	...	...	...	...	...
Influenza...	...	1	1	1	4	1	...	1
Encephalitis Lethargica	...	...	...	...	2	...	...	...
Cerebro-spinal Meningitis	...	...	...	...	...	...	...	...
Other Epidemic Diseases	...	...	...	...	...	...	1	...
Tuberculosis of Respiratory System ...	3	2	3	3	1	...	3	2
Tuberculous Meningitis	1	1	1	...	...	...	...	...
Tuber. of Intestines and Peritoneum ...	1	1	...	1	1	...	...	...
Other Tuberculous Disease	1	...	...	...	...	1	1	...
Malignant Tumours	7	5	2	3	2	1	2	7
Rheumatic Fever	...	...	...	1	...	1	...	2
Meningitis (not Cerebro-spinal or Tuber.)	1	...	1	...	2	...	...	...
Apoplexy	2	7	5	4	2	4	4	8
Heart Disease	7	2	3	5	3	6	5	5
Diseases of Arteries	...	...	...	...	...	...	...	3
Bronchitis	...	1	4	2	5	3	2	2
Pneumonia (all forms)	12	1	2	8	5	6	5	2
Other Diseases of Respiratory System	1	3	...	...	3	1	1	...
Diarrhœa and Enteritis (under 2 years)	1	1	...	...	...	2	1	2
Appendicitis	...	2	...	1	...	...	...	...
All Diseases of Liver (not Malignant)	3	...	...	...	1	1	1	...
Nephritis, Acute and Chronic... ...	...	1	...	...	1	2	4	...
Puerperal Sepsis	1	...	...	...	...	...	...	...
Other Diseases and Accidents of Pregnancy and Parturition	...	...	...	...	...	...	...	1
Dis. of Early Infancy and Malformations	4	1	4	1	3	2	4	2
Suicide	1	...	...	...	...	...	...	...
Other Violent Deaths	2	3	...	5	2	1	2	1
Other Defined Diseases	6	7	13	10	9	3	6	5
Causes Ill-defined or Unknown ...	...	...	...	...	...	1	1	1
All Causes ...	63	41	41	49	50	38	44	47
AGE AT DEATH.								
Under 1	12	4	8	8	11	4	8	3
1– 4	13	3	3	4	5	3	4	3
5– 9	3	1	1	4	3	1	2	2
10–14	1	...	1	...	...	...	...	...
15–24	2	2	1	4	2	1	3	3
25–34	2	1	1	2	3	...	1	2
35–44	6	1	2	3	5	2	...	6
45–54	4	6	5	7	3	4	6	2
55–64	7	5	1	2	8	5	6	6
65–74	2	4	4	10	3	11	10	9
75–84	11	12	9	4	5	4	4	8
85 and over	...	2	5	1	2	3	...	3
All Ages ...	63	41	41	49	50	38	44	47

ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Made at RENFREW (for GLASGOW), EDINBURGH, DUNDEE, ABERDEEN, PAISLEY, GREENOCK, and PERTH, During the Month of DECEMBER 1924.

OBSERVERS.	Height of Station above Sea-level.	BAROMETER. Mean at Station and 32°.	BAROMETER. Mean at Sea-Level and 32°.	AIR TEMPERATURE. Mean of Maximum (A).	AIR TEMPERATURE. Mean of Minimum (B.)	AIR TEMPERATURE. Mean of A and B (Mean Temperature).	AIR TEMPERATURE. Difference from Average, 1881–1915.	AIR TEMPERATURE. Absolute Maximum and Minimum. Maximum.	Day of Month.	Minimum.	Day of Month.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.	RAIN, AND OTHER FORMS OF PRECIPITATION. Number of Days.	Total Fall.	Difference from Average, 1881–1915.	WIND DIRECTIONS. Number of Observations at 9 A.M. and 9 P.M. N	NE	E	SE	S	SW	W	NW	Calm or Variable.
	feet.	inch.	inch.	°	°	°	°	°		°		°	°	inch.	per cent.		inch.	inch.									
RENFREW,* The Meteorological Office.	40	29·606	29·651	48·0	41·3	44·7	+5·2	54	17, 18, 27	29	15*th*	44·9	1·4	·266	90	25	6·70	+2·55	0	3	8	6	5	25	13	2	0
EDINBURGH, Professor R. A. SAMPSON, F.R.S., Royal Observatory.	441	29·193	29·674	48·9	40·4	44·7	+5·8	55	20*th*	31	22*nd*	44·5	2·6	·237	80	20	3·07	+0·93	1	0	3	1	19	27	9	0	2
DUNDEE, A. MACRAE, Curator of Cemeteries.	164	29·450	29·632	47·5	39·4	43·5	+5·9	53	18*th*	31	15*th*	43·5	1·1	·258	91	21	4·02	+1·36	0	2	0	9	0	49	0	2	0
ABERDEEN,* The Meteorological Office.	90	29·524	29·626	47·0	41·5	44·3	+5·7	54	18, 19	29	15*th*	44·2	1·4	·259	89	12	3·16	−0·06	0	0	2	5	19	29	6	1	0
PAISLEY, The Coats Observatory.	107	29·535	29·655	48·9	41·7	45·3	+5·4	54	17, 18 23	33	15*th*	45·5	1·6	·268	88	27	7·76	+2·71	0	1	4	4	19	28	6	0	5
GREENOCK,† J. MACALISTER, A.M.Inst., C.E., Greenock Waterworks.	233	29·399	29·659	48·3	42·3	45·3	+5·9	55	17*th*	34	31*st*	45·2	1·9	·258	86	29	11·28	+3·39	1	0	5	6	5	29	14	1	1
PERTH,† J. RITCHIE, The Museum.	22	29·602	29·627	48·4	39·4	43·9	+6·4	55	17, 18	28	15*th*	43·5	1·1	·258	91	23	4·74	+1·51	0	4	0	8	0	46	4	0	0
Means	157	29·473	29·646	48·1	40·9	44·5	+5·7	..	..	..	..	44·5	1·6	·258	88	22	5·82	+1·77	0	1	3	6	10	33	7	1	1

North Latitude.—Renfrew, 55° 52′; Edinburgh, 55° 55′; Dundee, 56° 28′; Aberdeen, 57° 9′; Paisley 55° 51′; Greenock, 55° 57′; Perth, 56° 23′; Mean, 56° 14′.
West Longitude.—Renfrew, 4° 24′; Edinburgh, 3° 11′; Dundee, 2° 57′; Aberdeen, 2° 7′; Paisley, 4° 27′; Greenock, 4° 46′; Perth, 3° 25′; Mean, 3° 37′.

* At 7 A.M. and 6 P.M. † At 9 A.M. only.

EDINBURGH: PUBLISHED BY HIS MAJESTY'S STATIONERY OFFICE.
To be purchased directly from H.M. STATIONERY OFFICE at the following addresses: 120, George Street, Edinburgh; Adastral House, Kingsway, London, W.C. 2; 28, Abingdon Street, London, S.W. 1; York Street, Manchester; or 1, St. Andrew's Crescent, Cardiff; or through any Bookseller.
Printed under the authority of HIS MAJESTY'S STATIONERY OFFICE By J. Skinner & Co., Ltd., 27 Thistle Street, Edinburgh.
Price 6d. net.
(4804.) Wt. 10/15. 1150. 1/25 J. S. & Co. LTD. Group 4/6